

# **SRM VALLIAMMAI ENGINEERING COLLEGE**

**(An Autonomous Institution)**

SRM Nagar, Kattankulathur – 603 203

## **DEPARTMENT OF CYBER SECURITY**

**(Common to All Branches)**

### **QUESTION BANK**



### **VII SEMESTER**

### **PCY306 - DATA PRIVACY**

**Regulation – 2023**

**Academic Year 2026-2027 (ODD Semester)**

*Prepared by*

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**SUBJECT : PCY306 - DATA PRIVACY**

**SEM / YEAR: VII / IV**

**UNIT- I:**

**PRIVACY, DATA AND YOUR BUSINESS**

Introduction - Cyber Crime: Definition and origins - Cyber crime and information Security - Cyber criminals– Classification of Cyber crimes.

**PART A (2 MARKS)**

| Q.No | Questions                                                              | BTL Level | Competence |
|------|------------------------------------------------------------------------|-----------|------------|
| 1    | Define Privacy Engineering.                                            | BTL-1     | Remember   |
| 2    | What is data privacy?                                                  | BTL-1     | Remember   |
| 3    | State the importance of Privacy Engineering in modern organizations.   | BTL-2     | Understand |
| 4    | What is meant by personally identifiable information (PII)?            | BTL-1     | Remember   |
| 5    | List any four objectives of Privacy Engineering.                       | BTL-1     | Remember   |
| 6    | What are data flows?                                                   | BTL-1     | Remember   |
| 7    | Define privacy by design.                                              | BTL-1     | Remember   |
| 8    | What is meant by privacy compliance?                                   | BTL-1     | Remember   |
| 9    | List the key stages involved in managing data flows.                   | BTL-2     | Understand |
| 10   | What is the purpose of privacy regulations?                            | BTL-2     | Understand |
| 11   | Differentiate between data privacy and data security.                  | BTL-2     | Understand |
| 12   | What is meant by scaling Privacy Engineering?                          | BTL-2     | Understand |
| 13   | Mention any four privacy technologies used for data protection.        | BTL-1     | Remember   |
| 14   | Why is protecting data flow important in organizations?                | BTL-2     | Understand |
| 15   | What are privacy safeguards?                                           | BTL-1     | Remember   |
| 16   | Explain the role of compliance in protecting personal data.            | BTL-2     | Understand |
| 17   | State the significance of adopting a privacy program in business.      | BTL-2     | Understand |
| 18   | What are privacy technologies?                                         | BTL-1     | Remember   |
| 19   | Mention any four challenges in implementing Privacy Engineering.       | BTL-2     | Understand |
| 20   | Explain the relationship between business operations and data privacy. | BTL-2     | Understand |

**PART B (16 MARKS)**

| <b>Q.No</b> | <b>Questions</b>                                                                                                                                                                                     | <b>BTL Level</b> | <b>Competence</b> |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|
| 1           | Explain the concept of Privacy Engineering and discuss its significance in protecting organizational data assets.                                                                                    | BTL-3            | Apply             |
| 2           | Analyze the need for Privacy Engineering in modern businesses with suitable examples.                                                                                                                | BTL-4            | Analyze           |
| 3           | Illustrate a systematic approach for implementing Privacy Engineering in an organization handling sensitive customer information.                                                                    | BTL-3            | Apply             |
| 4           | Examine the challenges involved in scaling Privacy Engineering across large enterprises and propose suitable solutions.                                                                              | BTL-4            | Analyze           |
| 5           | Explain the importance of managing and protecting data flows throughout the data lifecycle in an organization.                                                                                       | BTL-3            | Apply             |
| 6           | Analyze how improper data flow management can lead to privacy risks and compliance failures.                                                                                                         | BTL-4            | Analyze           |
| 7           | Evaluate the effectiveness of adopting Privacy by Design principles in developing secure business applications.                                                                                      | BTL-5            | Evaluate          |
| 8           | Discuss the role of privacy regulations in ensuring responsible collection, storage, processing, and sharing of personal information.                                                                | BTL-3            | Apply             |
| 9           | Analyze the impact of non-compliance with privacy regulations on business operations and organizational reputation.                                                                                  | BTL-4            | Analyze           |
| 10          | Evaluate various privacy technologies used to enhance data protection in business environments.                                                                                                      | BTL-5            | Evaluate          |
| 11          | Explain the process of designing a privacy-aware data management framework for an enterprise.                                                                                                        | BTL-3            | Apply             |
| 12          | Compare different approaches for protecting organizational data flows and evaluate their effectiveness.                                                                                              | BTL-5            | Evaluate          |
| 13          | Analyze the relationship between Privacy Engineering, regulatory compliance, and organizational governance.                                                                                          | BTL-4            | Analyze           |
| 14          | Propose suitable privacy protection mechanisms for an organization migrating its customer database to a cloud environment.                                                                           | BTL-3            | Apply             |
| 15          | Evaluate the importance of integrating privacy technologies into modern business processes to minimize data privacy risks.                                                                           | BTL-5            | Evaluate          |
| 16          | Analyze a business scenario involving customer data processing and recommend appropriate Privacy Engineering practices to ensure compliance and data protection.                                     | BTL-4            | Analyze           |
| 17          | Design a comprehensive privacy framework for a medium-sized enterprise by incorporating Privacy Engineering principles, secure data flow management, regulatory compliance, and privacy technologies | BTL-5            | Evaluate          |

**UNIT- II:  
UNDERSTANDING DATA AND PRIVACY**

Introduction to Privacy Engineering and Its Importance -Understanding the Need for Privacy Engineering in Modern Business -Scaling Privacy Engineering-Managing and Protecting Data Flows-Adopting a Privacy - Navigating Privacy Regulations and Ensuring Compliance- Leveraging Privacy Technologies and Tools for Data Protection.

**PART A (2 MARKS)**

| Q.No | Questions                                                                  | BTL Level | Competence |
|------|----------------------------------------------------------------------------|-----------|------------|
| 1    | Define Privacy Engineering.                                                | BTL-1     | Remember   |
| 2    | What is meant by data privacy?                                             | BTL-1     | Remember   |
| 3    | State the need for Privacy Engineering in modern business.                 | BTL-2     | Understand |
| 4    | What is meant by privacy governance?                                       | BTL-1     | Remember   |
| 5    | Define data flow management.                                               | BTL-1     | Remember   |
| 6    | What is the purpose of protecting data flows?                              | BTL-2     | Understand |
| 7    | Define privacy regulations.                                                | BTL-1     | Remember   |
| 8    | What is meant by regulatory compliance?                                    | BTL-1     | Remember   |
| 9    | List any four objectives of privacy compliance.                            | BTL-1     | Remember   |
| 10   | What are privacy technologies?                                             | BTL-1     | Remember   |
| 11   | Mention any four tools used to support data privacy.                       | BTL-1     | Remember   |
| 12   | Explain the importance of adopting privacy in business processes.          | BTL-2     | Understand |
| 13   | Differentiate between privacy protection and regulatory compliance.        | BTL-2     | Understand |
| 14   | State the benefits of managing organizational data flows.                  | BTL-2     | Understand |
| 15   | Why are privacy technologies important for organizations?                  | BTL-2     | Understand |
| 16   | Explain the significance of compliance in data protection.                 | BTL-2     | Understand |
| 17   | What are the key components of an effective privacy program?               | BTL-2     | Understand |
| 18   | List the major challenges in implementing privacy regulations.             | BTL-2     | Understand |
| 19   | Explain the role of Privacy Engineering in business sustainability.        | BTL-2     | Understand |
| 20   | Summarize the relationship between data management and privacy protection. | BTL-2     | Understand |

**PART B (16 MARKS)**

| Q.No | Questions                                                                                                                   | BTL Level | Competence |
|------|-----------------------------------------------------------------------------------------------------------------------------|-----------|------------|
| 1    | Explain the importance of Privacy Engineering in establishing an effective data privacy framework for modern organizations. | BTL-3     | Apply      |
| 2    | Analyze the need for integrating Privacy Engineering into business operations for protecting sensitive information.         | BTL-4     | Analyze    |

|    |                                                                                                                                                                      |       |          |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|
| 3  | Develop a suitable strategy for managing and protecting organizational data flows in a privacy-sensitive environment.                                                | BTL-3 | Apply    |
| 4  | Analyze the challenges associated with implementing Privacy Engineering practices in large-scale enterprises.                                                        | BTL-4 | Analyze  |
| 5  | Explain the significance of adopting privacy principles throughout the data lifecycle with suitable examples.                                                        | BTL-3 | Apply    |
| 6  | Examine the role of privacy regulations in ensuring responsible data collection, processing, storage, and sharing.                                                   | BTL-4 | Analyze  |
| 7  | Evaluate the impact of privacy regulations on organizational governance and business decision-making.                                                                | BTL-5 | Evaluate |
| 8  | Propose an effective compliance strategy for an organization handling sensitive customer information.                                                                | BTL-3 | Apply    |
| 9  | Analyze various privacy technologies used for securing organizational data and discuss their advantages.                                                             | BTL-4 | Analyze  |
| 10 | Evaluate different privacy protection tools with respect to their effectiveness in safeguarding personal information.                                                | BTL-5 | Evaluate |
| 11 | Explain how organizations can improve privacy compliance through effective governance, policies, and technical controls.                                             | BTL-3 | Apply    |
| 12 | Analyze the relationship between data flow management and privacy risk mitigation in business environments.                                                          | BTL-4 | Analyze  |
| 13 | Evaluate the effectiveness of privacy-aware business processes in achieving regulatory compliance.                                                                   | BTL-5 | Evaluate |
| 14 | Design a privacy-focused framework that incorporates Privacy Engineering principles, secure data flow management, compliance requirements, and privacy technologies. | BTL-5 | Evaluate |
| 15 | Analyze a business scenario involving the processing of customer information and recommend appropriate privacy protection measures.                                  | BTL-4 | Analyze  |
| 16 | Propose suitable technical and administrative safeguards to strengthen organizational privacy practices and ensure compliance with applicable regulations.           | BTL-3 | Apply    |
| 17 | Evaluate the importance of continuous monitoring, auditing, and improvement of privacy practices in maintaining long-term data protection and business trust.        | BTL-5 | Evaluate |

| <b>UNIT- III:</b><br><b>DATA CLASSIFICATION</b>                                                                                                                                                                                                                                                                       |                                               |                  |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------|-------------------|
| Data Classification and Context- Necessity of Data Classification- Data Classification in Governance- Industry Benchmarks for Classification- Unstructured Data Governance- Improving with Data Classification- Data Classification and Access- Privacy Laws and Classification- Collaborating on Data Classification |                                               |                  |                   |
| <b>PART A (2 MARKS)</b>                                                                                                                                                                                                                                                                                               |                                               |                  |                   |
| <b>Q.No</b>                                                                                                                                                                                                                                                                                                           | <b>Questions</b>                              | <b>BTL Level</b> | <b>Competence</b> |
| 1                                                                                                                                                                                                                                                                                                                     | Define data classification.                   | BTL-1            | Remember          |
| 2                                                                                                                                                                                                                                                                                                                     | What is meant by data classification context? | BTL-1            | Remember          |

|    |                                                                                |       |            |
|----|--------------------------------------------------------------------------------|-------|------------|
| 3  | State the necessity of data classification in organizations.                   | BTL-2 | Understand |
| 4  | What is data governance?                                                       | BTL-1 | Remember   |
| 5  | Define industry benchmarks for data classification.                            | BTL-1 | Remember   |
| 6  | What is unstructured data governance?                                          | BTL-1 | Remember   |
| 7  | List the major objectives of data classification.                              | BTL-1 | Remember   |
| 8  | What is classified data?                                                       | BTL-1 | Remember   |
| 9  | Explain the importance of data classification in governance.                   | BTL-2 | Understand |
| 10 | Differentiate between structured and unstructured data.                        | BTL-2 | Understand |
| 11 | What is meant by data access control?                                          | BTL-1 | Remember   |
| 12 | State the relationship between data classification and access control.         | BTL-2 | Understand |
| 13 | List any four benefits of implementing data classification.                    | BTL-2 | Understand |
| 14 | What are privacy laws related to data classification?                          | BTL-1 | Remember   |
| 15 | Explain the role of collaboration in data classification.                      | BTL-2 | Understand |
| 16 | Mention the challenges involved in classifying organizational data.            | BTL-2 | Understand |
| 17 | Why is data classification important for privacy protection?                   | BTL-2 | Understand |
| 18 | List the common classification levels used in organizations.                   | BTL-1 | Remember   |
| 19 | Explain the significance of industry benchmarks in data classification.        | BTL-2 | Understand |
| 20 | Summarize the role of data classification in protecting sensitive information. | BTL-2 | Understand |

**PART B (16 MARKS)**

| <b>Q.No</b> | <b>Questions</b>                                                                                                           | <b>BTL Level</b> | <b>Competence</b> |
|-------------|----------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|
| 1           | Explain the concept of data classification and discuss its importance in organizational data governance.                   | BTL-3            | Apply             |
| 2           | Analyze the necessity of implementing a data classification framework for protecting sensitive organizational information. | BTL-4            | Analyze           |
| 3           | Illustrate an effective data classification process suitable for an enterprise handling confidential customer data.        | BTL-3            | Apply             |
| 4           | Analyze the role of data classification in strengthening organizational governance and regulatory compliance.              | BTL-4            | Analyze           |
| 5           | Explain how industry benchmarks contribute to establishing effective data classification policies.                         | BTL-3            | Apply             |
| 6           | Evaluate the effectiveness of different data classification levels in ensuring information security and privacy.           | BTL-5            | Evaluate          |
| 7           | Analyze the challenges involved in governing unstructured data and recommend suitable classification strategies.           | BTL-4            | Analyze           |
| 8           | Explain the relationship between data classification and access control with suitable examples.                            | BTL-3            | Apply             |
| 9           | Evaluate the importance of integrating data classification with organizational access management policies.                 | BTL-5            | Evaluate          |
| 10          | Analyze the influence of privacy laws on organizational data classification practices.                                     | BTL-4            | Analyze           |

|    |                                                                                                                                      |       |          |
|----|--------------------------------------------------------------------------------------------------------------------------------------|-------|----------|
| 11 | Propose a suitable data classification policy for an organization processing personal and confidential information.                  | BTL-3 | Apply    |
| 12 | Analyze the role of collaborative approaches in improving data classification accuracy across departments.                           | BTL-4 | Analyze  |
| 13 | Evaluate various methods for improving data classification in large-scale enterprises.                                               | BTL-5 | Evaluate |
| 14 | Design a comprehensive data classification framework that supports governance, regulatory compliance, and secure information access. | BTL-5 | Evaluate |
| 15 | Analyze a business scenario involving misclassified sensitive information and recommend appropriate corrective measures.             | BTL-4 | Analyze  |
| 16 | Explain how effective data classification enhances privacy protection, data governance, and risk management in organizations.        | BTL-3 | Apply    |
| 17 | Evaluate the contribution of data classification to secure data management and long-term organizational privacy compliance.          | BTL-5 | Evaluate |

**UNIT- IV:  
DATA INVENTORY**

Data inventory - Data inventory tags, Machine-readable tags: A specific example - Creating a baseline - The technical architecture ,Structured and unstructured data - Data inventory architectural capabilities ,Data inventory workflow - metadata definition process - The metadata discovery process- Data inventory level 1,level 2,level 3.

**PART A (2 MARKS)**

| Q.No | Questions                                                           | BTL Level | Competence |
|------|---------------------------------------------------------------------|-----------|------------|
| 1    | Define data inventory.                                              | BTL-1     | Remember   |
| 2    | What are data inventory tags?                                       | BTL-1     | Remember   |
| 3    | Define machine-readable tags.                                       | BTL-1     | Remember   |
| 4    | What is meant by creating a baseline in a data inventory?           | BTL-2     | Understand |
| 5    | What is technical architecture in data inventory?                   | BTL-1     | Remember   |
| 6    | Differentiate between structured and unstructured data.             | BTL-2     | Understand |
| 7    | List the key architectural capabilities of a data inventory system. | BTL-1     | Remember   |
| 8    | What is a data inventory workflow?                                  | BTL-1     | Remember   |
| 9    | Define metadata.                                                    | BTL-1     | Remember   |
| 10   | What is the purpose of metadata definition?                         | BTL-2     | Understand |
| 11   | What is metadata discovery?                                         | BTL-1     | Remember   |
| 12   | Explain the importance of metadata in data inventory management.    | BTL-2     | Understand |
| 13   | What is Data Inventory Level 1?                                     | BTL-1     | Remember   |
| 14   | What is Data Inventory Level 2?                                     | BTL-1     | Remember   |
| 15   | What is Data Inventory Level 3?                                     | BTL-1     | Remember   |
| 16   | State the significance of machine-readable tags in data management. | BTL-2     | Understand |
| 17   | Explain the need for maintaining a data inventory in organizations. | BTL-2     | Understand |
| 18   | List any four benefits of implementing a data inventory.            | BTL-2     | Understand |

| 19                       | Explain the relationship between metadata and data inventory.                                                                                        | BTL-2            | Understand        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|
| 20                       | Summarize the role of data inventory in effective data governance.                                                                                   | BTL-2            | Understand        |
| <b>PART B (16 MARKS)</b> |                                                                                                                                                      |                  |                   |
| <b>Q.No</b>              | <b>Questions</b>                                                                                                                                     | <b>BTL Level</b> | <b>Competence</b> |
| 1                        | Explain the concept of data inventory and discuss its significance in managing organizational data assets.                                           | BTL-3            | Apply             |
| 2                        | Analyze the importance of data inventory tags and machine-readable tags in improving data management efficiency.                                     | BTL-4            | Analyze           |
| 3                        | Illustrate the process of creating a baseline for implementing a comprehensive data inventory system in an organization.                             | BTL-3            | Apply             |
| 4                        | Analyze the role of technical architecture in designing an effective data inventory framework.                                                       | BTL-4            | Analyze           |
| 5                        | Explain how structured and unstructured data can be managed effectively using an enterprise data inventory.                                          | BTL-3            | Apply             |
| 6                        | Evaluate the architectural capabilities required for implementing a scalable and efficient data inventory system.                                    | BTL-5            | Evaluate          |
| 7                        | Analyze the workflow involved in maintaining an organizational data inventory and identify possible implementation challenges.                       | BTL-4            | Analyze           |
| 8                        | Explain the metadata definition process and discuss its importance in ensuring data consistency and governance.                                      | BTL-3            | Apply             |
| 9                        | Analyze the metadata discovery process and explain how it supports accurate data identification and management.                                      | BTL-4            | Analyze           |
| 10                       | Evaluate the contribution of metadata management to organizational data privacy and compliance.                                                      | BTL-5            | Evaluate          |
| 11                       | Explain the characteristics and objectives of Data Inventory Levels 1, 2, and 3 with suitable illustrations.                                         | BTL-3            | Apply             |
| 12                       | Compare the features and applications of Data Inventory Levels 1, 2, and 3 in enterprise environments.                                               | BTL-4            | Analyze           |
| 13                       | Evaluate the effectiveness of implementing multi-level data inventory architecture in large organizations.                                           | BTL-5            | Evaluate          |
| 14                       | Design a data inventory framework incorporating metadata management, tagging mechanisms, workflow, and architectural capabilities for an enterprise. | BTL-5            | Evaluate          |
| 15                       | Analyze a case where the absence of a proper data inventory leads to poor governance and recommend appropriate corrective measures.                  | BTL-4            | Analyze           |
| 16                       | Propose an effective metadata management strategy to improve the accuracy, accessibility, and governance of enterprise data.                         | BTL-3            | Apply             |
| 17                       | Evaluate how an integrated data inventory system supports privacy compliance, data governance, and informed business decision-making.                | BTL-5            | Evaluate          |

**UNIT- V:  
DATA SHARING**

The Need for Data Sharing in Business- Ensuring Safe Data Sharing Through Security Measures- Obfuscation Techniques to Protect Privacy- Techniques for Safe Data Sharing- Data Anonymization and Universal ID Mapping- Use Case 1: Single Session per Dataset- Measuring Privacy Impact with K-Anonymity and L-Diversity- Privacy and Data Protection Impact Assessments (PIA & DPIA)

**PART A (2 MARKS)**

| Q.No | Questions                                                                   | BTL Level | Competence |
|------|-----------------------------------------------------------------------------|-----------|------------|
| 1    | Define data sharing.                                                        | BTL-1     | Remember   |
| 2    | What is meant by secure data sharing?                                       | BTL-1     | Remember   |
| 3    | State the need for data sharing in business.                                | BTL-2     | Understand |
| 4    | Define data obfuscation.                                                    | BTL-1     | Remember   |
| 5    | What is data anonymization?                                                 | BTL-1     | Remember   |
| 6    | Define Universal ID Mapping.                                                | BTL-1     | Remember   |
| 7    | What is K-Anonymity?                                                        | BTL-1     | Remember   |
| 8    | What is L-Diversity?                                                        | BTL-1     | Remember   |
| 9    | Differentiate between data anonymization and data obfuscation.              | BTL-2     | Understand |
| 10   | Explain the purpose of Universal ID Mapping in data sharing.                | BTL-2     | Understand |
| 11   | What is a Privacy Impact Assessment (PIA)?                                  | BTL-1     | Remember   |
| 12   | Define Data Protection Impact Assessment (DPIA).                            | BTL-1     | Remember   |
| 13   | State the objectives of conducting a Privacy Impact Assessment.             | BTL-2     | Understand |
| 14   | List any four techniques for safe data sharing.                             | BTL-1     | Remember   |
| 15   | Explain the significance of K-Anonymity in privacy preservation.            | BTL-2     | Understand |
| 16   | Why is L-Diversity considered an improvement over K-Anonymity?              | BTL-2     | Understand |
| 17   | List the benefits of secure data sharing in organizations.                  | BTL-2     | Understand |
| 18   | Explain the importance of privacy protection during data sharing.           | BTL-2     | Understand |
| 19   | State the purpose of conducting DPIA before processing sensitive data.      | BTL-2     | Understand |
| 20   | Summarize the role of privacy-preserving techniques in secure data sharing. | BTL-2     | Understand |

**PART B (16 MARKS)**

| Q.No | Questions                                                                                                                 | BTL Level | Competence |
|------|---------------------------------------------------------------------------------------------------------------------------|-----------|------------|
| 1    | Explain the need for secure data sharing in modern business organizations and discuss its benefits.                       | BTL-3     | Apply      |
| 2    | Analyze the security challenges associated with organizational data sharing and recommend suitable protection mechanisms. | BTL-4     | Analyze    |
| 3    | Illustrate the implementation of secure data-sharing techniques for protecting sensitive organizational information.      | BTL-3     | Apply      |

|    |                                                                                                                                                                                            |       |          |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|
| 4  | Analyze the role of data obfuscation techniques in preserving privacy during data sharing.                                                                                                 | BTL-4 | Analyze  |
| 5  | Explain various techniques for safe data sharing with suitable examples.                                                                                                                   | BTL-3 | Apply    |
| 6  | Evaluate the effectiveness of data anonymization techniques in protecting personal information while maintaining data utility.                                                             | BTL-5 | Evaluate |
| 7  | Analyze the importance of Universal ID Mapping in enabling secure and privacy-preserving data integration.                                                                                 | BTL-4 | Analyze  |
| 8  | Explain the use case of Single Session per Dataset and discuss its contribution to secure data sharing.                                                                                    | BTL-3 | Apply    |
| 9  | Analyze the principles of K-Anonymity and discuss how it minimizes privacy risks during data publishing.                                                                                   | BTL-4 | Analyze  |
| 10 | Evaluate the advantages and limitations of K-Anonymity as a privacy-preserving technique.                                                                                                  | BTL-5 | Evaluate |
| 11 | Explain the concept of L-Diversity and analyze how it enhances privacy protection compared with K-Anonymity.                                                                               | BTL-4 | Analyze  |
| 12 | Evaluate the suitability of K-Anonymity and L-Diversity for protecting sensitive datasets in different application scenarios.                                                              | BTL-5 | Evaluate |
| 13 | Explain the objectives, process, and significance of conducting a Privacy Impact Assessment (PIA) and a Data Protection Impact Assessment (DPIA).                                          | BTL-3 | Apply    |
| 14 | Analyze the role of PIA and DPIA in identifying privacy risks and ensuring regulatory compliance in organizations.                                                                         | BTL-4 | Analyze  |
| 15 | Design a privacy-preserving data-sharing framework incorporating secure sharing techniques, anonymization, Universal ID Mapping, and privacy impact assessments.                           | BTL-5 | Evaluate |
| 16 | Analyze a business scenario involving the sharing of sensitive customer data and recommend appropriate privacy-preserving techniques to minimize privacy risks.                            | BTL-4 | Analyze  |
| 17 | Evaluate the overall effectiveness of secure data-sharing practices, anonymization techniques, K-Anonymity, L-Diversity, and impact assessments in protecting organizational data privacy. | BTL-5 | Evaluate |