

PDF 9: Data Governance & Purview

Subjective Case Study Questions and Answers

Q1. Implementing Data Catalog

Scenario: Enterprise wants a centralized view of all datasets.

Answer: Use **Azure Purview** to scan and catalog data sources (SQL, Blob, Synapse, Power BI). Automatically classify sensitive data and create a business glossary for metadata management.

Q2. Data Classification and Labeling

Scenario: Personal identifiable information (PII) exists across multiple systems.

Answer: Use **Purview classification rules** to detect PII, apply sensitivity labels, and enforce policies for access and retention.

Q3. Ensuring Data Lineage

Scenario: Management wants to track transformations and data flow.

Answer: Enable **lineage tracking** in Purview. Visualize end-to-end flow from ingestion to reporting. Helps in auditing, compliance, and impact analysis.

Q4. Policy Enforcement and Compliance

Scenario: Regulatory requirement to prevent sensitive data exposure.

Answer: Use **Purview policies** to restrict access, integrate with **RBAC** in Synapse and SQL. Implement periodic audits and automated alerts for policy violations.

MCQs

1. Which service provides enterprise-wide data cataloging?
Answer: B. Azure Purview — centralized metadata management.
2. Detect and label PII data?
Answer: C. Purview classification rules — automates sensitivity labeling.
3. Track data flow from source to dashboard?
Answer: A. Lineage tracking — end-to-end visibility.
4. Restrict sensitive data access?
Answer: D. Purview policies + RBAC — enforce access control.
5. Business glossary helps with?
Answer: B. Standardizing terminology — improves metadata understanding.
6. Compliance monitoring feature?
Answer: C. Automated alerts + audits — ensures governance.
7. Integration with Synapse and SQL?
Answer: A. RBAC + Purview policies — secure access enforcement.
8. Metadata management improves?
Answer: B. Discoverability and trust — easy access to accurate data.