Lab 17 – Synapse and Purview

1. Provision Azure Resources

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1. Create lake database

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1. Add and configure a Microsoft Purview Service Account

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1. Configure role-based access for Microsoft Purview

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1. Configure database permissions for Microsoft Purview

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1. Register sources in the Microsoft Purview Catalog

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1. Scan Registered sources

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1. View the scanned assets

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1. Enable purview account in Synapse

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1. Create a Synapse Pipeline

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1. View the data lineage in Purview

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1. Delete Azure Resources

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Summary:

Microsoft Purview offers a comprehensive suite of solutions designed to help organizations govern, protect, and manage data across various environments. The process begins with provisioning Azure resources, including starting a dedicated SQL pool and creating a lake database based on a products flat file. Next, a Microsoft Purview account is provisioned, and a member is assigned the Reader role as a managed entity. In Synapse, database permissions are configured to grant access to the Purview account. The data sources, which include the Synapse data lake and Synapse Dedicated SQL pool, are then registered. After registration, a scan of the data sources is triggered. Purview integration is enabled in Synapse, and a Synapse pipeline is executed to copy data from the flat file in the data lake to the database. The activity is verified to be tracked in Microsoft Purview. Finally, the SQL dedicated pool is paused, and the lab concludes with the deletion of the Azure resources. This streamlined process ensures that data governance, protection, and management are effectively maintained throughout the lifecycle of the data.