**Microsoft Fabric:**

**What is Microsoft Fabric?**

**Microsoft Fabric is an all-in-one analytics solution for enterprises that covers everything from data movement to data science, real-tie analytics, and business intelligence. It offers a comprehensive suite of services, including data lake, data engineering and data integration all in one place.**

**Microsoft Fabric brings together new and existing components from power BI, Azure Synapse, and Azure Data Factory into a single integrated environment.**

**Capacity:**

**Capacity is a dedicated set of resources that is available at a given time to be used. Capacity defines the ability of a resource to perform an activity or to produce output. Fabric offers capacity through the Fabric SKU and trials.**

**Experience: A collection of capabilities targeted to a specific functionality. The Fabric experiences include Synapse Data Warehouse, Synapse Data Engineering, Synapse Data Science, Synapse Real-Time Analytics, Data Factory and power BI**

**Item: An item a set of capabilities within an experience. For example, the Data Engineering experience includes the Lakehouse, notebook and Spark job definition items.**

**Tenant: A tenant is a single instance of fabric for an organization and is aligned with a Microsoft Entra ID.**

**Workspace: A workspace is a collection of items. It acts as a container that leverages capacity for the work that is executed and provides controls for who can access the items in it. For example, in a workspace, users create reports, notebooks, semantic models.**

**What is One Lake in Microsoft Fabric?**

**One Lake is a cloud-based data lake platform that allows organizations to store and manage large amounts of data in its native format, without requiring a predefined schema. This enables organizations to store data from various sources, such as IoT devices, social media, and applications, in a single repository.**