**Get started with Microsoft data analytics**

Businesses need data analysis. In this learning path, I will learn about the life and journey of a data analyst, the skills, tasks, and processes they go through in order to tell a story with data so trusted business decisions can be made. I will learn how the suite of Power BI tools and services are used by a data analyst to tell a compelling story through reports and dashboards, and the need for true BI in the enterprise.

# Roles in data

* Business analyst
* Data analyst
* Data engineer
* Data scientist
* Database administrator

# Tasks of a data analyst

* Prepare
* Model
* Visualize
* Analyze
* Manage

# Get started building with Power BI

In this module, I will:

* Learn how Power BI services and applications work together.
* Explore how Power BI can make your business more efficient.
* Learn how to create compelling visuals and reports.

**Microsoft Power BI** is a collection of software services, apps, and connectors that work together to turn your unrelated sources of data into coherent, visually immersive, and interactive insights. Whether your data is a simple Microsoft Excel workbook, or a collection of cloud-based and on-premises hybrid data warehouses, **Power BI** lets you easily connect to your data sources, visualize (or discover) what's important, and share that with anyone or everyone you want.

# Use Power BI

* Bring data into Power BI Desktop, and create a report.
* Publish to the Power BI service, where you can create new visualizations or build dashboards.
* Share dashboards with others, especially people who are on the go.
* View and interact with shared dashboards and reports in Power BI Mobile apps.

# Get data with Power BI Desktop

In this module, I will:

* Explore the data-centric features and tools of Power BI.
* Explore ways to find data.

# Explore Power BI Desktop

In this unit, I will:

* Launch the Power BI Desktop.
* Explore the UI.
* Create a visual.
* Publish a report.
* Pin a visual to a dashboard.

# Connect to data sources

# Power BI Desktop connects to many types of data sources, including local databases, worksheets, and data on cloud services.

In this unit, you will:

* Connect to data.
* Import data into Power BI Desktop.

# Transform data to include in a report with Power Query Editor tool.

# Combine data from multiple sources with Power Query Editor tool.

# Clean data to include in a report with Power Query Editor tool.