**Data Engineering Introduction**

**Introduction to Data engineering.**

**Learning Objectives**

* Recall the different entities that form a modern data ecosystem.
* Describe and differentiate between the role and responsibilities of Data Engineers, Data Scientists, Data Analysts, Business Analysts, and Business Intelligence Analysts.
* Explain what Data Engineering is.
* List the tasks that need to be performed in a typical data engineering lifecycle.
* Identify the essential skills and qualities for data engineering as identified by data professionals.
* Summarize how Data Engineering has evolved over the past few decades.
* Discuss the responsibilities and skillsets of a Data Engineer.
* Recall the various ways that data professionals define data engineering and differentiate it from data analysis and data science.
* Describe what a day in the life of a Data Engineer looks like.

The value of data depends on two things: **The accuracy of data and the accessibility of data when needed.**