Task 3

**3.Data Scientist Roles Research:**

* **Data Engineer**

Responsible for designing, building, and maintaining data pipelines and architectures. They ensure that raw data is transformed into a usable format for analysis.

* **Machine Learning Engineer**

Focuses on developing, implementing, and deploying machine learning models. They work on creating algorithms that can learn from data, making predictions or decisions without explicit programming.

* **Data Analyst:**

Specializes in interpreting complex datasets to identify trends, patterns, and insights. They utilize statistical tools and techniques to provide actionable recommendations**.**