Task 3: Data Scientist Roles Research

1. **Data Scientist**:

   Role: Manages entire data projects, from understanding business goals to collecting and analyzing data, and presenting findings.

   Responsibilities: Finds patterns in data, creates new algorithms, and leads teams to make data-driven decisions.

2. **Data Analyst**:

   Role: Focuses on making data easy to understand through visualizations and reports.

   Responsibilities: Prepares data for business use, creates clear reports, and helps communicate data insights.

3. **Data Engineer**:

   Role: Builds and maintains systems that handle data.

   Responsibilities: Ensures data is accessible and usable, optimizes data systems for performance, and supports data flow for analysis.