

Team Task Assignments

1. Project Initiation & Planning

- **Define Objectives** → Toka
- **Assign Roles** → Toka
- **Project Management Setup** → Toka

2. Data Collection & Understanding

- **Data Inventory** → Aya
- **Metadata Creation** → Hend
- **Initial Data Checks** → Rania

3. Data Cleaning & Preprocessing

- **Handle Missing Values** → Toka
- **Data Type Corrections** → Aya
- **Outlier Detection** → Israa
- **Feature Engineering** → Rania

4. Exploratory Data Analysis (EDA)

- **Descriptive Statistics** → Mayada
- **Visualizations** → Toka
- **Failure Analysis** → Hend
- **Time-Series Analysis** → Aya

5. Modeling & Predictive Analysis

- **Define Target Variable** → Rania
- **Data Splitting** → Toka
- **Model Building** → Aya
- **Model Evaluation** → Hend
- **Feature Importance** → Israa

6. Visualization & Reporting

- **Dashboard Creation** → Toka
- **Business Insights Report** → Mayada
- **Storytelling for Stakeholders** → Hend

7. Project Management Functions

- **Progress Tracking** → Aya
- **Risk Management** → Israa
- **Communication Plan** → Rania
- **Documentation** → Hend

8. Deployment & Handover

- **Final Model/Report Delivery** → Mayada
- **Dashboard Publishing** → Aya
- **Training & Knowledge Transfer** → Israa