

Manufacturing Downtime Study

20-Week Project Plan — Golden Ratio Team



Project: Manufacturing Downtime Study

This document provides a 20-week plan divided into four phases: Data Preparation, Data Modeling & Dashboard, KPI Validation & Testing, and Storytelling & Presentation. Team: Rowayda (data), Abdullah & Mai (model & visuals), Mohamed (validation & presentation).

Golden Ratio

Phases Overview (20 weeks)

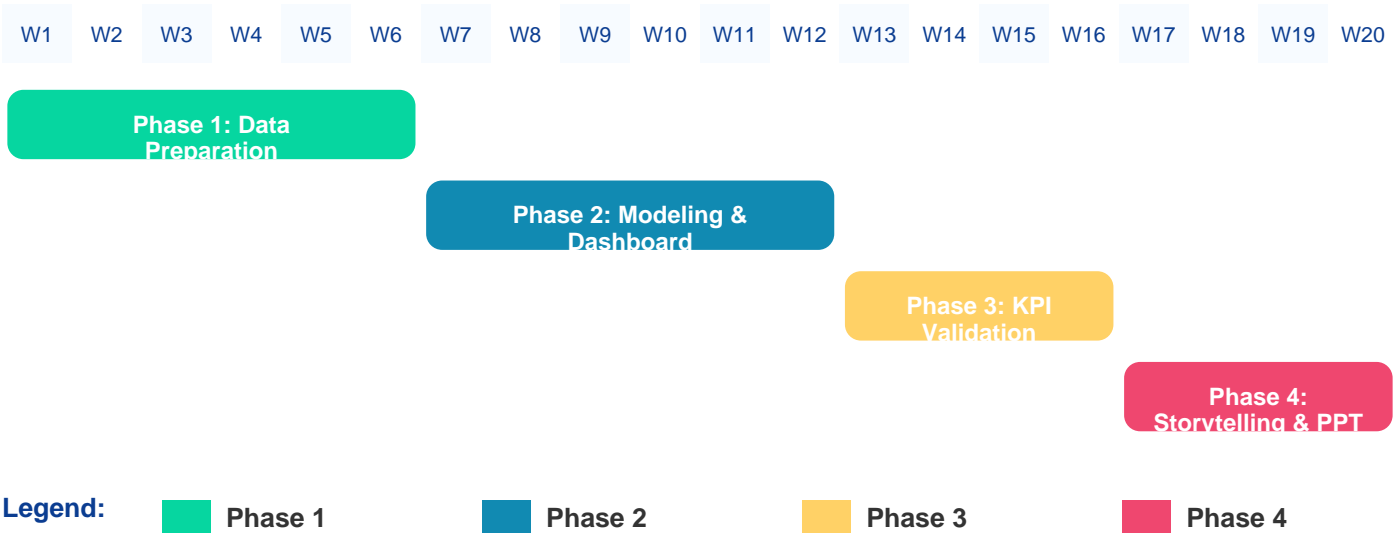
- Data ingestion & validation
- Cleaning & transformation
- Deliver clean dataset

- Design data model
- Implement dashboard structure
- Deliver prototype PBIX

- Define KPIs
- Validate measures & performance
- Deliver KPI report

- Craft narrative & slides
- Run trial demo
- Final demo & handover

20-Week Gantt Timeline



Team Responsibilities

Rowayda

- Data ingestion & validation
- Cleaning & transformation
- Handover clean dataset

Abdullah & Mai

- Design data model
- Implement dashboard structure
- Deliver PBIX prototype

Mohamed

- Define KPIs & tests
- Validate KPIs & performance
- Craft presentation & run demo