Milestone 1 work division:

Suggested Division of Work (4 Members) ◆ Member 1 – Business Understanding Lead Draft the problem definition (health & demographic issues in SA). Identify stakeholders (government, NGOs, communities, healthcare providers). Define success criteria (e.g., improved access metrics, reduced child mortality). Deliverables: Problem definition doc Stakeholder objectives summary

◆ Member 2 – Research & KPIs Define project questions (e.g., "What predicts child mortality?", "How is literacy linked to HIV behaviour?"). Establish KPIs (e.g., % immunisation coverage, child mortality rate, % access to clean water). Write a clear business case for why this project matters. Deliverables: List of project questions and KPIs

◆ Member 3 – Data Understanding (EDA & Quality) Load all datasets in R. Explore dimensions, structures, variable types. Document missing values, duplicates, outliers. Generate summary statistics (mean, median, counts). Deliverables: R Markdown script (EDA) Summary tables

◆ Member 4 – Visualization & Data Dictionary Create basic plots in R: histograms, bar charts, boxplots for key variables. Draft a data dictionary (Excel or PDF) with dataset name, variable, type, description, units. Deliverables: Visuals (charts/plots) Data dictionary