

IP-6707 DATA ANALYTICS

Work Breakdown Structure – Data Analysis Project (Student Background & Salary)

INITIATION

- Project Charter
- Define Research Questions
- Literature/Background Review

PLANNING

- Project Schedule & Milestones
- Define Data Requirements
- Data Collection Plan
- WBS & Resource Allocation

EXECUTION & MONITORING

- Data Acquisition (Academic Background, Academics, Expected Salary)
 - Gather raw datasets (students' profiles, scores, background, salary expectations)
- Data Preparation
 - Study data sources
 - Clean data (handle missing, outliers, errors)
 - Import data into analysis tools (Excel, Tableau)
- Data Analysis
 - Explore relationship: Academic background ↔ Academics ↔ Expected Salary
 - Statistical analysis (correlation, regression)
 - Identify trends/patterns (demographics, fields of study, salary ranges)
- Visualization & Insights
- Build dashboards (Tableau)
- Create charts: distributions, relationships, predictive visuals
- Summarize findings for stakeholders

CLOSURE

- Lessons Learned & Findings
- Compile Report (Project documentation, insights, recommendations)
- Final Presentation/Delivery (dashboard, visualizations, summary)