

Data Analytics 3/4 SAT

Analysis

- Brainstorm ideas
- Introduction, purpose, use characte...
- Develop research question
- Identify scope and constraints
- Identify functional and non-functio...
- Create gantt chart
- Submit scope and requirements
- Submit Gantt chart

Design

Collection of data

- Methodology of primary data
- Create Survey
- Collection and analysis of second...

Database design

- Data dictionary to identify fields ...
- Implementation normalisation
- Data structure diagrams - relatio...
- IPO chart calculated fields
- Query design tables
- Validation techniques + justificati...

Visual solution design

- Mock ups/annotated diagrams
- Create storyboard
- Justification for preferred solutions

Website solution design

- Sit map
- Mock up/annotated diagram for in...
- Justification for preferred solution
- Acquisition and Preparation of Da...

Evaluation Criteria

- Criteria for functional requiremen...
- Criteria for non-functional requir...

Development

- Secondary data collection
- Data manipulation
- Developing visuals
- Validation

Testing plan

Formal Testing Tables

- Database and Spreadsheet Sof...
- Testing validation table
- Testing query selection criteria
- Testing formulas table
- Testing visuals table

User acceptance testing

- Methodolgy
- Create feedback form
- Testing
- File management procedures
- File Management Procedures

Evaluation

- Evaluate solution requirements
- Evaluate visual
- Formatting
- Final submission

