Capstone Project (Date Engineering and Intelligence Unit)

**Objective**: To test the level of expertise across

* Data acquisition
* Data analysis
* Data Visualization
* Data interpretation (insight generation)

**Data Category: Health,** Energy, Religion, Agriculture, Hospitality, Finance

**Capstone Rule**:

* All datasets must be from Nigerian geography.
* Try to make your deliverable as native to the Nigerian ecosystem as possible.
* Be original in your deliverable.

**Task One**: Select one or more data categories, search the internet, and acquire enough geospatial and statistical dataset

Deliverables:

* Acquired dataset and their referenced source

**Task Two:** Clean and analyze the acquired dataset, generation at least 10 analytical outputs you believe are useful

(*hint: try to focus on what can help create solution, impact or business intelligence*).

Deliverable:

* Cleaned dataset
* Analytical report and method used

**Task Three**: Create a visualization based on the analysis done, visuals should be in both statistical charts and maps.

(*hint: your output here can be either static or interactive or both)*

Deliverables:

* Statistical Chart(s)
* Embellished map(s)

**Task Four**: Interpret maps and charts in a summarized format (no more than 500 words) providing a relatable context on how the visualization relates to reality in terms of solution, impact, or profitability

Deliverables:

* A document having all visualization with their appending interpretation