**Final Project – Business Case Documentation and Presentation(30pts)**

Using your business case please finalise your documentation and present the final working solution to your peers during class on Monday, 17 April.

1. **Final Business Case Documentation (10pts)**

Create a final document that includes the following updated solution documentation:

1. ERD
2. DFD (Level 0 and Level 1)
3. Data Dictionary
4. Code used to create your Database (DDL)
5. Gantt Chart
6. **Screenshots of MS PowerBI and ML Code (10pts)**
7. Screenshots (png) of the following MS Power BI pages:
8. A Dashboard showing the KPIs you identified in your Business Case document
9. Descriptive Statistics related to your data
10. A prediction using the latest data
11. The latest Prediction Model Results i.e. AUC/RSME
12. A Report that will allow the user to filter (Slice/Dice) multidimensional data
13. MS SSIS Packages/Windows Schedule (png) for automating the following:
14. Data Import Procedure (SSIS Package)
15. Automated ML Model builder (SSIS Package)
16. Code used to download/transform Api data (Python, R)
17. Code used to build and save your prediction model (Python, R)
18. Screenshots (png) of the Data Import and ML Model builder Automation
19. **Project Presentation (10pts)**
20. Present an Overview of your Project, including Rationale and Scope
21. Provide a Live demo of your Business Case, showing the following functionality:
    1. New Data downloading
    2. New Data being Predicted using your saved ML Model
    3. Your MS PowerBI Pages

Rubric

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|  | Grade | Points |
| Final Business Case Documentation | | |
| ERD |  | /2 |
| DFD (Level 0 and Level 1) |  | /2 |
| Data Dictionary |  | /2 |
| DDL |  | /2 |
| Gannt Chart |  | /2 |
| Screenshots of MS PowerBI and ML Code | | |
| MS Power BI |  | /5 |
| Model Automation |  | /5 |
| Presentation | | |
| Project Rationale and Scope |  | /5 |
| Live Demo |  | /5 |

/30