

WQD7003 DATA ANALYTICS

Project

Maximum Marks Available

:

30%

Hand out date: Week 4

Project Proposal Presentation & Submission: Week 7

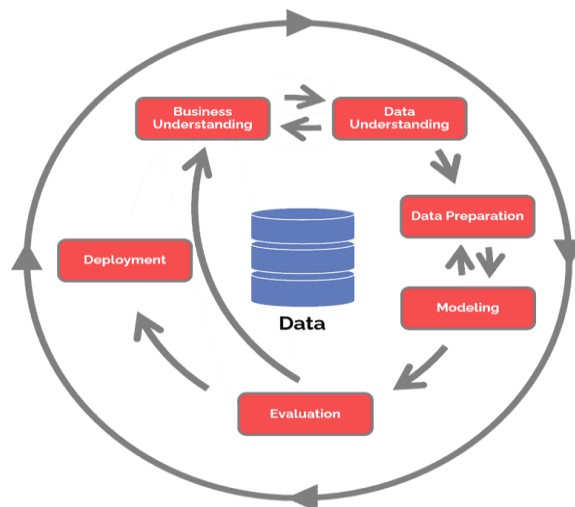
Final Project Submission: Week 13

Final Project Presentation : Week 13 & Week 14

(Note: The exact date of presentations and submissions are based on your class schedule.)

Descriptions:

You are required to apply your skills to the real world by choosing a project you care about!. Go through the complete data science process from start until the end.



Suggested Topics:

- Domestic violence
- Drug Abuse
- Dengue
- Breast Cancer
- Parkinson Disease
- Dermatology
- Food Environment Atlas
- Poverty
- Migrant and Refugees
- Aging Society
- Covid-19
- Heart Disease

(Note: This is a group assignment. Please work in a group of 5/6 people. Each group must choose a topic that does not overlap with any other group's topic within the same class. Once your group is finalized, you can book your chosen topic on the forum. To book a topic, you must post your group members' names and IDs along with your selected topic. This will allow us to verify that all group members are properly recorded.)

Evaluation Metric

Proposal (5%)

CRISP-DM	4%
Presentation	1%

Final Presentation (25%)

Data Pre-processing + Exploratory Data Analysis	10%
Modelling + Result Evaluation & Interpretation	10%
Presentation	5%

Final Project Submission - IPython notebook

Section your notebook with the following Section

- CRISP-DM
- Data Pre-processing
- Exploratory Data Analysis
- Machine Learning Modelling
- Result Evaluation + Interpretation
- Members' Contribution

Seminar Presentation

- Proposal (5%) – STRICTLY Presentation time 5min + 2min QnA (Slide)
- Final Presentation (25%) – STRICTLY Presentation time 10min + 5min QnA (IPython Notebook)