

ENGR350- PROJECT REPORT and PRESENTATION OUTLINE

Heading page

1. Name and code of the course
2. Project Name
3. Group Name and group members (IDs, Full Names)
4. Date

Table of Contents (TOC)

1. Business Understanding
 - *What is the problem that you are trying to solve? (HINT : Q1 of Project Part A may be helpful here: The aim of the project)*
2. Analytical Approach
 - *Your question to approach the problem. Possible questions : (include only one/s that is relevant to your project, this is just to give an idea)*
 - *What happened?*
 - *Why is this happening?*
 - *What if these trends continue?*
 - *What will happen next?*
 - *How do we solve it? etc.*
3. Data Requirements
4. Data Collection
5. Data Understanding
6. Data Preparation
 - *Headings 3-6, above is the place where you mention the problems you encounter any data issues, put them under the appropriate heading of (3-6), or any challenges, or anything you would like to mention regarding data. Which python structures did you use for these steps? Files, urls, data frames, lists, dictionaries, whether any database is used, etc (HINT : Q3 of Project Part A may be helpful here: Define the dataset. What is the source of your dataset? Does it need any cleaning/transformation? Are there any missing data?)*
7. Modelling
 - *This is the place where you make the reasoning why you selected this model? Include a brief explanation of the model with a few of the strengths and weaknesses of the model. (HINT : Q3 of Project Part A may be helpful here: Which techniques did you plan/think to use for the data analysis? And which ones you did applied?)*
 - *How did you implement the model in python: which modules you used? Which functions? Tell us about the implementation issues or challenges of this model in python. Is your model have any limitations?*
8. Evaluation
 - *What is the success criteria? How well did the model perform? Was it below or above your expectations?*
 - *How do you interpret the results of the model? In the presentation include any visualization results under this heading.*
9. Deployment
 - *If there are anything you would like to include about the deployment phase they shall be in here. (HINT: Q2 of Project Part A may be helpful here: Why it is important or where can the solution you propose be used? Who may benefit from the solution? Any possible application area?)*
10. Feedback
 - *--Here is the place what would have you been doing if you had another 2 weeks? Which parts would you include, you haven't been able to, or what else would you consider, lack of data you would like to include, etc?*