Capstone Project Report Structure & Marks Allocation

Total: 85 marks (This will account to 40%)

The topic must cover one of the areas that we have covered in Computational Techniques i.e. Linear Programming, Stochastic Modelling etc

Instruction: You can submit as an individual or as a group. A group should not exceed 5 students. Deadline for submission is on 6th, June at 1159PM. There will be not deadline extension

1. Title Page (No marks, but essential)

- Project title
- Student name & ID [For group submission, list all students]
- Date of submission

2. Abstract (5 marks)

- A concise summary of the entire report: background, objectives, methods, key results, and conclusion
- Usually ~250-300 words

3. Introduction (10 marks)

- Background information and context
- Relevance of the topic
- Brief overview of what the project entails
- Leads logically into the statement of the problem

4. Statement of the Problem (5 marks)

- Clearly defines the issue or gap the project addresses
- Justifies why this problem is important to solve
- May include evidence/statistics to support its significance

5. Objectives of the Study (5 marks)

- **General Objective** (overall purpose)
- **Specific Objectives** (clear, measurable goals guiding the research)
- Optional: Research questions or hypotheses

6. Literature Review (15 marks)

- Summary and synthesis of existing research/studies relevant to your topic
- Identifies gaps your project is addressing
- Theoretical/conceptual framework (if applicable)
- Proper citations and referencing

7. Methodology (15 marks)

- Study design
- Population/sample, sampling techniques
- Data collection methods/tools
- Data analysis

8. Results/Findings (10 marks)

- Presentation of analyzed data using tables, figures, and text
- No interpretation here—just the facts

9. Discussion (10 marks)

- Interpretation of findings
- How your results align or differ from existing literature
- Possible explanations and implications

10. Conclusion and Recommendations (5 marks)

- Summary of key findings
- Practical, actionable suggestions or recommendations
- Limitations of the study (optional but encouraged)

11. References (5 marks)

- Properly formatted using APA at least 10 articles
- All sources cited in the body should appear here

12. Appendices (No marks, but necessary if applicable)

- Python Scripts, raw data summaries, etc.