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Low Code vs Full Code Submission

There are two ways to work on the Capstone project:

i. Full-code way: The full code way is to write the solution code from scratch and only submit a final Jupyter notebook with all the insights and observations.

ii. Low-code way: The low-code way is to use an existing solution notebook template to build the solution and then submit a business report with insights and recommendations.

The primary purpose of providing these two options is to allow learners to opt for the approach that aligns with their individual learning aspirations and outcomes. The below table elaborates on these two options.

Submission type	Who should choose	What is the same across the two	What is different across the two	Final submission file [IMP]	Submission Format
Full-code	Learners who aspire to be in hands-on coding roles in the future focussed on building solution codes from scratch	Perform exploratory data analysis to identify insights and recommendations for the problem	Focus on code writing: 10-20% grading on the quality of the final code submitted	Solution notebook from the full-code template submitted in .html format	.html
Low-code	Learners who aspire to be in managerial roles in the future-focussed on solution review, interpretation, recommendations, and communicating with business		Focus on business report: 10-20% grading on the quality of the final business report submitted	Business report in .pdf format with problem definition, insights, and recommendations	.pdf

Please follow the below steps to complete the assessment. **Kindly note that if you submit a report along with the notebook, ONLY the report will be evaluated.** Please make sure that all the sections mentioned in the rubric have been covered in your submission.

i. Full-code version












- Download the full-code version of the learner notebook.
- Follow the instructions provided in the notebook to complete the project.
- Clearly write down insights and recommendations for the business problems in the comments.
- Submit only the solution notebook prepared from the learner notebook [format: .html]

ii. Low-code version

- Download the low-code version of the learner notebook

Capstone Guidelines and Instructions



-  Low Code vs Full Code Submission 
-  Capstone Journey & Timelines
-  Milestone Submission
-  Final Submission
-  Live Presentation
-  Scoring Distribution
-  FAQ - Capstone Project
-  Report Submission Guidelines
-  How to convert Jupyter Notebook from .ipynb extension to HTML?
-  How to convert your Jupyter Notebook into HTML format using Google Colab?

Capstone Project: Points to Note



Sample Capstone Project: Carbon Emissions Forecasting



All Notes

Download the low code version of the learner notebook.

- Follow the instructions provided in the notebook to complete the project.
- Prepare a business report with insights and recommendations to the business problem.
- Submit only the presentation [format: .pdf]

2. Any assignment found copied/plagiarized with other submissions will not be graded and awarded zero marks.

3. Please ensure timely submission as any submission post-deadline will not be accepted for evaluation.

4. Submission will not be evaluated if

- it is submitted post-deadline, or,
- more than 1 file is submitted.

Best Practices for Full-code submissions

- The final notebook should be well-documented, with inline comments explaining the functionality of code and markdown cells containing comments on the observations and insights.
- The notebook should be run from start to finish in a sequential manner before submission.
- It is important to remove all warnings and errors before submission.
- The notebook should be submitted as an HTML file (.html) and NOT as a notebook file (.ipynb).
- Please refer to the FAQ page for common project-related queries.

Best Practices for Low-code submissions

- The report should be made keeping in mind that the audience will be the Data Science lead of a company.
- The key points in the presentation should be the following:
 - Business Overview of the problem and solution approach
 - Key findings and insights which can drive business decisions
 - Business recommendations
 - Focus on explaining the key takeaways in an easy-to-understand manner.
 - The inclusion of the potential benefits of implementing the solution will give you the edge.
- Copying and pasting from the notebook is not a good idea, and it is better to avoid showing codes unless they are the focal point of your presentation.
- The report should be submitted as a PDF file (.pdf) and NOT as a .pptx file.
- Please refer to the FAQ page for common project-related queries.

Happy Learning!

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