

slide topic?

Practical application (20%)



Marp

- Pick a topic of your choice
- Define a problem and solve it
- Preferred to be related to data analysis and business economies

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Project Idea (1/2)

1. Stock analysis and alert
2. Compare similarity of 2 instagram profile
3. Predict the visa application approval
4. Predict the chance of getting accepted to particular undergraduate programme through JUPAS

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Project Idea (cont,2/2)

5. Badminton court booking system (not really data analysis related)
6. Simulation of a gambling game
7. Get data from Hong Kong Observatory and suggest what you should wear
 - *desired ?
8. Compare price of virtual goods in different online marketplace

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Basic programming (30%) (1/2)

1. Correct usage of

- Data Structures (including List, Dictionary, Set)
- Function
- For Loop/While Loop
- Condition
- Error Handling

2. Correct Logic

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Basic programming (30%) (2/2)

3. Simplicit of logic

4. Easy to read the code

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Library usage (40%) (1/2)

Correct usage of libraries, e.g.

- Getting Data online
- requests
- Google Sheet Integration
- <https://www.geckoboard.com/blog/4-ways-to-automagically-get-your-data-into-spreadsheets/#:~:text=In a Google Sheet%2C select,click Get Data to Table>

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Library usage (40%) (2/2)

- Correct usage of libraries, e.g.
 - Telegram Integration
 - Data Visualization
 - Statistical / Machine Learning Modeling and Prediction
 - linear regression
 - Any others that you learnt inside the class
 - docker ?

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Presentation (10%) (1/2)

- 10-15 minutes Live presentation at the last Class
- Content
 - What's the problem you are trying to solve
 - How's your program solve the problem
 - Demonstrate how your program work/ Go through the data analysis
 - What are the interesting libraries that you used?

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- Presentation (10%) (1/2)
 - Any complex logic in your project that you want to show off
 - Any other interesting thing
 - It's not a must for you to show your code in presentation.
 - Do that if you think that help you to explain things
 - We don't need everyone to speak. The whole group share the same score.

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- Presentation (10%) (2/2, cont)
 - Evaluation
 - Good presentation flow, Clarity of your points, Pace of your presentation

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- Project Evaluation - BONUS
 - Cool features of the project (up to 10%)
 - Real life usage (up to 10%)