Project Milestones - DS ML Bootcamp Sep Nov 2021

::: Project Selections

1. Personality Analysis for Marketing Campaign
2. Sentiment Analysis for Squid Games
3. Spread of Covid 19
4. Fundings for Tech Startups
5. Apps in Google Playstore
6. Reviews of Netflix Series
7. Prediction of House Pricing
8. Sentiment Analysis for E-Commerce
9. Fraud Detection for Banking
10. Image Recognition with Trained Model

::: Links

Guide notebooks containing detailed instructions for all three options are in the bootcamp GitHub repo,

https://github.com/danyentezari/DS-ML-Sep-Nov-2021

::: Presentation Template

https://docs.google.com/presentation/d/14sYozaSQcZcR7jZ_qF1j0I6_tM90JCYi6822VWzefp4/edit?usp=sharing

::: Milestones

1. *Sat, 13/11/2021 @11:00pm*
   Data Engineering I: Cleaning data and converting data types

2. *Sun, 14/11/2021 @11:00pm*
   Data Engineering II: Exploratory data analysis and feature engineering
   Slides for Stages 1 & 2

3. *Tue, 16/11/2021 @11:00pm*
   Machine Learning I: Model selection and hyperparameter tuning

4. *Tue, 23/11/2021 @11:00pm*
   Machine Learning II: Metrics results and documentation
   Slides for Stages 3 & 4

5. *Tue, 30/11/2021 @11:00pm*
   Final Notebook with 5 Sections and Documentation
   Final Presentation with all 5 Stages

::: Notebook Requirements

For all three options, the following requirements apply:

- Code documentation
- EDA
- Feature engineering
- Training for machine learning
- Machine Learning model selection
- Machine learning metrics
- Online project demo

::: Presentation Requirements

- Problem Definition and Goal
- Results of Exploratory Data Analysis
- Overview of ML Model
- Analysis of ML Prediction
- Conclusion and Commentary

::: Submission Links

Milestone 1
https://forms.gle/i7BUVNL8uTjJ1qJU7

Milestone 2
https://forms.gle/x59dZiee5PQbhrzC7

Milestone 3
https://forms.gle/bYFnMCLxxCwJD55W8

Milestone 4
https://forms.gle/8oh5W6YXvAJryeo16

Milestone 5
https://forms.gle/FbS8QGxv3i4SR6vHA