Portfolio

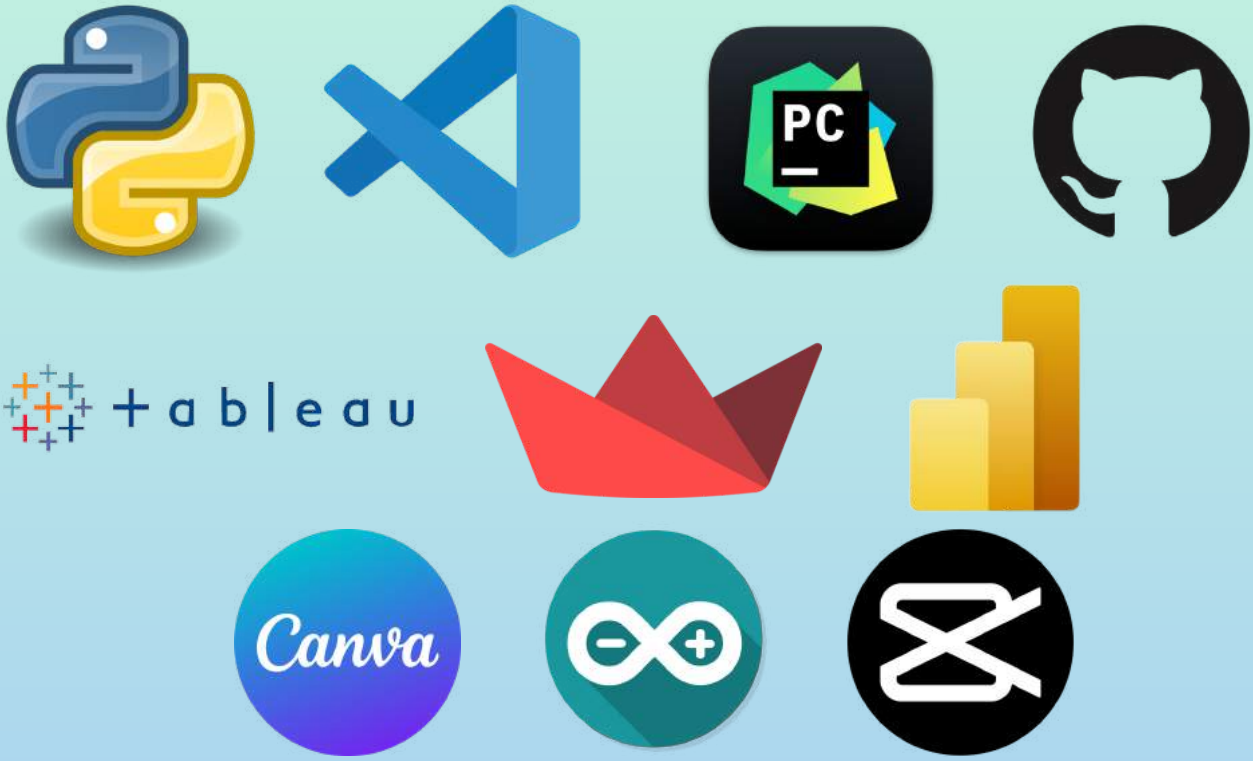
Rafi Gumilang

About Me

Hi,
I am Rafi!

I am a final year undergraduate Physics student at the University of Indonesia, specializing in Instrumentation Physics. I have experience in the fields of machine learning, web development and have created applications while I participated in the Bangkit Academy program led by Google, Tokopedia, Gojek, & Traveloka. This allows me to work in a team in a fast-paced environment and requires good communication. Currently, I am looking for new opportunities to expand my knowledge and skills as a data analyst and machine learning.

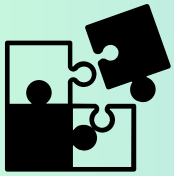
Tools


PC
+ a b | e a u
Canva


31
Google Calendar
Google Drive
Google Forms
Google Sheets
G Suite
Google Docs
Google Slides
Google Hangouts
Gmail

Skills

Critical Thinking



Problem Solving

Time Management

Leadership

Project Management

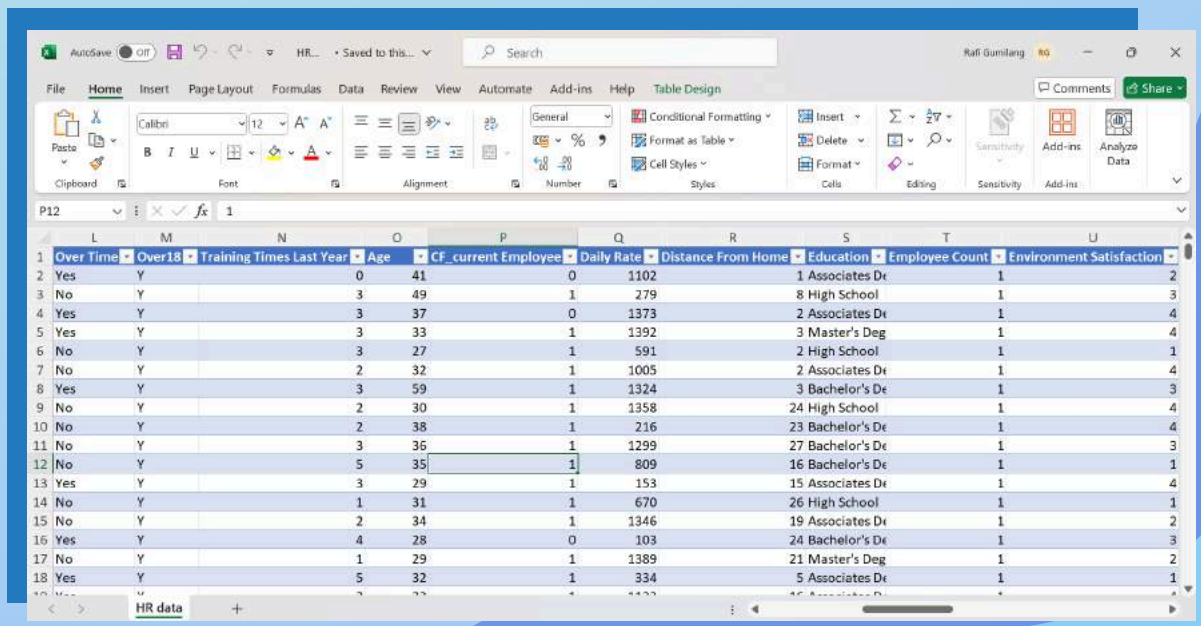
Programing

Public Speaking

Content Writing

Project Management

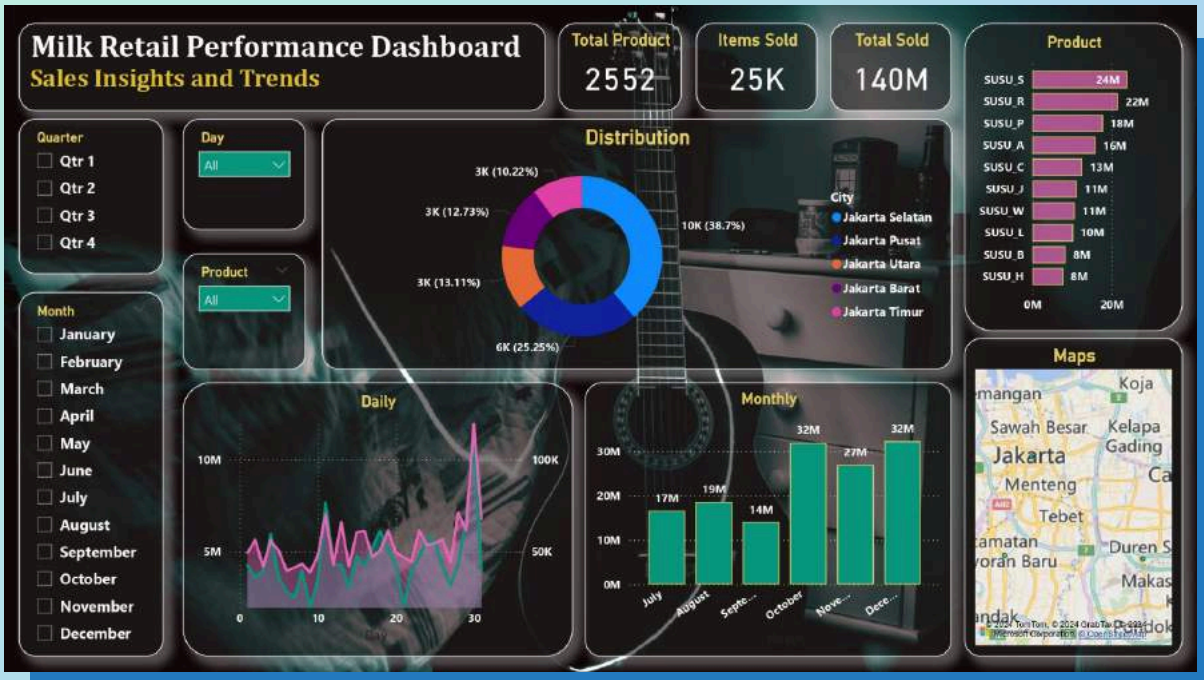
Data Analyst with Tableu

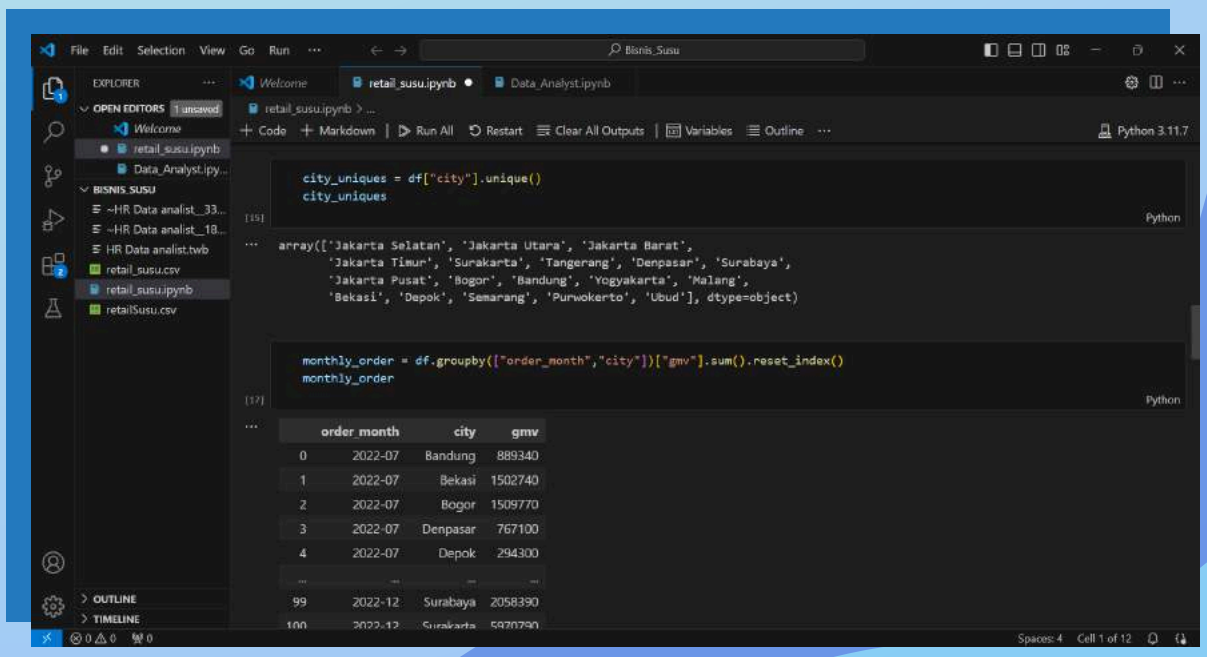


Over Time	Over18	Training Times Last Year	Age	CF_current Employee	Daily Rate	Distance From Home	Education	Employee Count	Environment Satisfaction
Yes	Y	0	41	0	1102	1	Associates De	1	2
No	Y	3	49	1	279	8	High School	1	3
Yes	Y	3	37	0	1373	2	Associates De	1	4
Yes	Y	3	33	1	1392	3	Master's Deg	1	4
No	Y	3	27	1	591	2	High School	1	1
No	Y	2	32	1	1005	2	Associates De	1	4
Yes	Y	3	59	1	1324	3	Bachelor's De	1	3
No	Y	2	30	1	1358	24	High School	1	4
No	Y	2	38	1	216	23	Bachelor's De	1	4
No	Y	3	36	1	1299	27	Bachelor's De	1	3
No	Y	5	35	1	809	16	Bachelor's De	1	1
Yes	Y	3	29	1	153	15	Associates De	1	4
No	Y	1	31	1	670	26	High School	1	1
No	Y	2	34	1	1346	19	Associates De	1	2
Yes	Y	4	28	0	103	24	Bachelor's De	1	3
No	Y	1	29	1	1389	21	Master's Deg	1	2
Yes	Y	5	32	1	334	5	Associates De	1	1

Project Management

Data Analyst with PowerBI





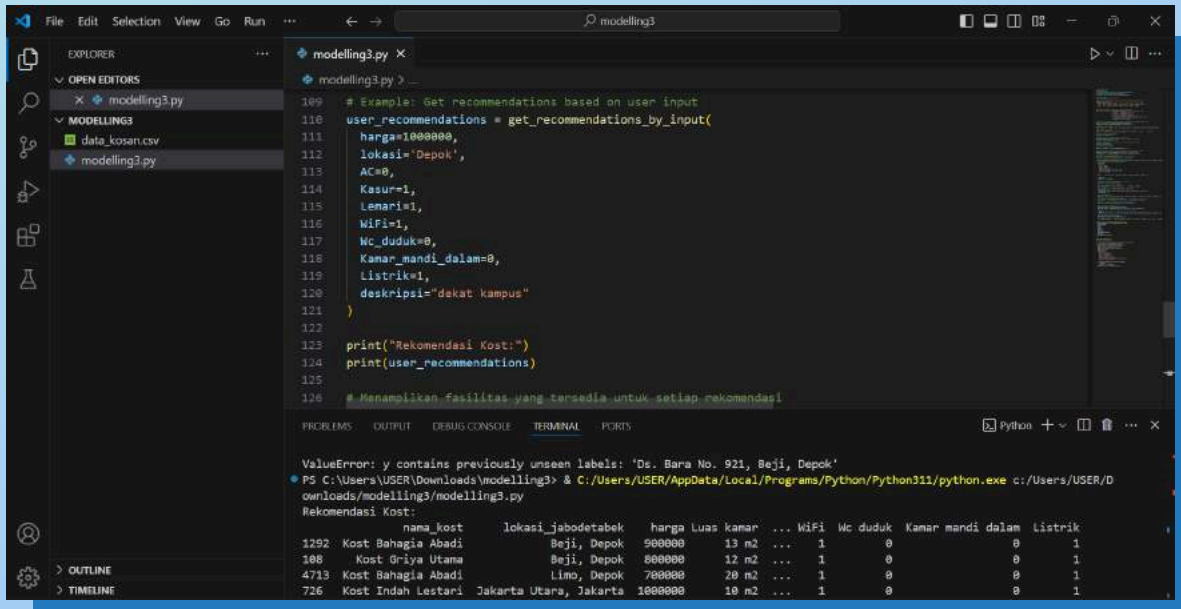
Project Management

Kostify(An Android App for Boarding House Rental)

Project Management

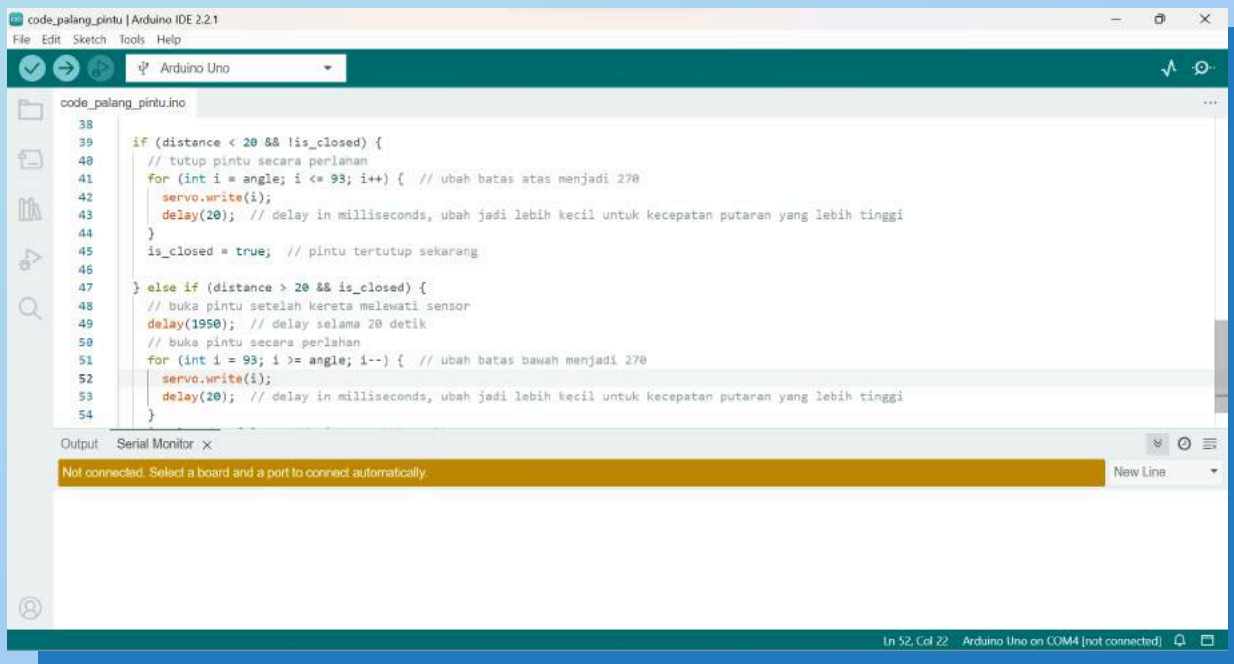
Coding

```python
import pandas as pd
import numpy as np
from sklearn.feature_extraction.text import TfidfVectorizer
from sklearn.preprocessing import LabelEncoder
from sklearn.metrics.pairwise import cosine_similarity
import tensorflow as tf
from tensorflow.keras import layers
from tensorflow.keras import Model

# Load the new dataset
data = pd.read_csv('data_kosan.csv')

# Custom list of Indonesian stop words (simplified for demonstration purposes)
indonesian_stop_words = [
    "yang", "untuk", "dengan", "pada", "ini", "dan", "di", "ke", "dari", "adalah",
    "itu", "atau", "oleh", "seperti", "jika", "karena", "sudah", "dalam", "akan",
    "juga", "kami", "sangat", "hanya", "mereka", "saja", "agar", "tetapi"
]

# Combine the relevant features into a single text feature
data['combined_features'] = data.apply(lambda row: f"{'AC' if row['AC'] else ''} "
                                                   f"{'Kasur' if row['Kasur'] else ''} "
                                                   f"{'Lemari' if row['Lemari'] else ''} "
                                                   f"{'WiFi' if row['WiFi'] else ''} "
```



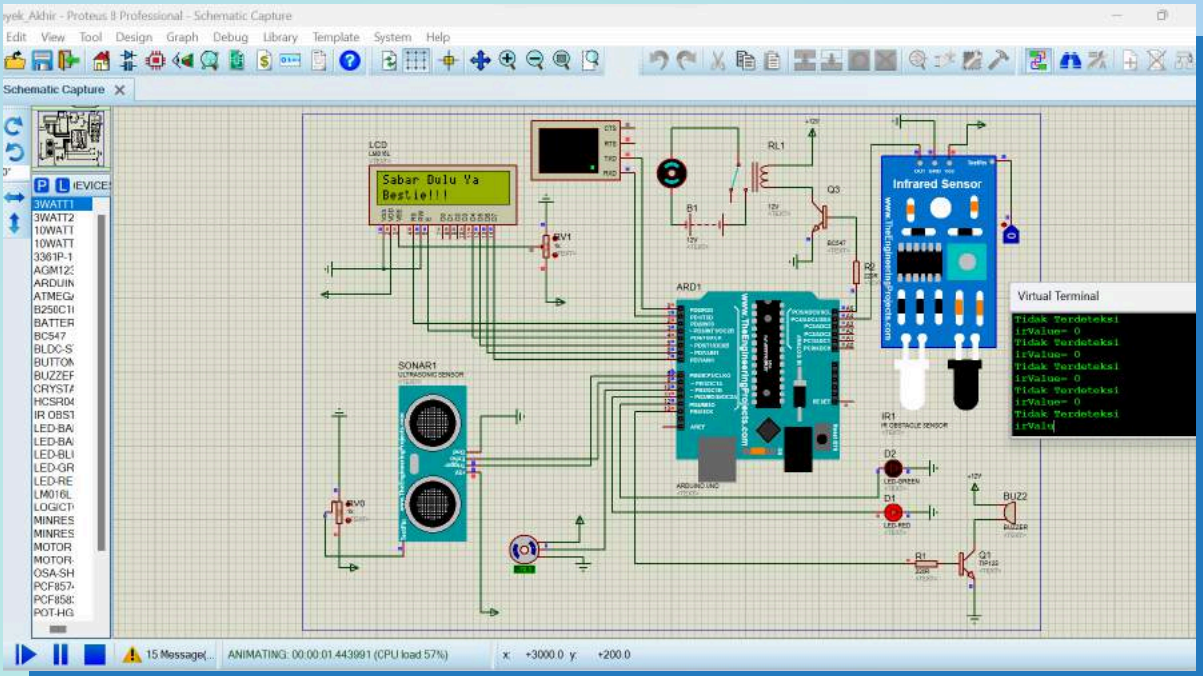
Programing

Project



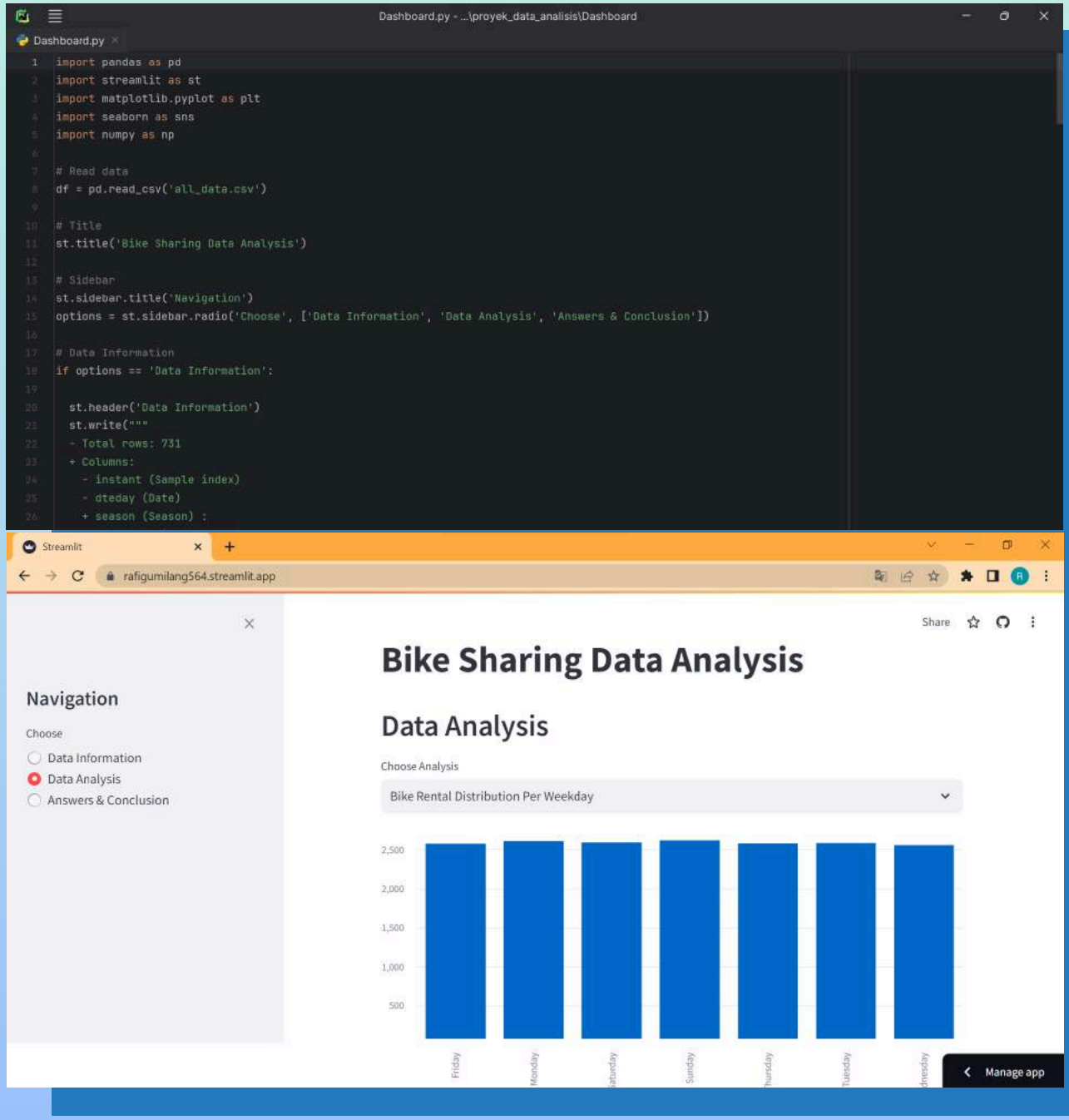
Programing

Simulation and Miniature



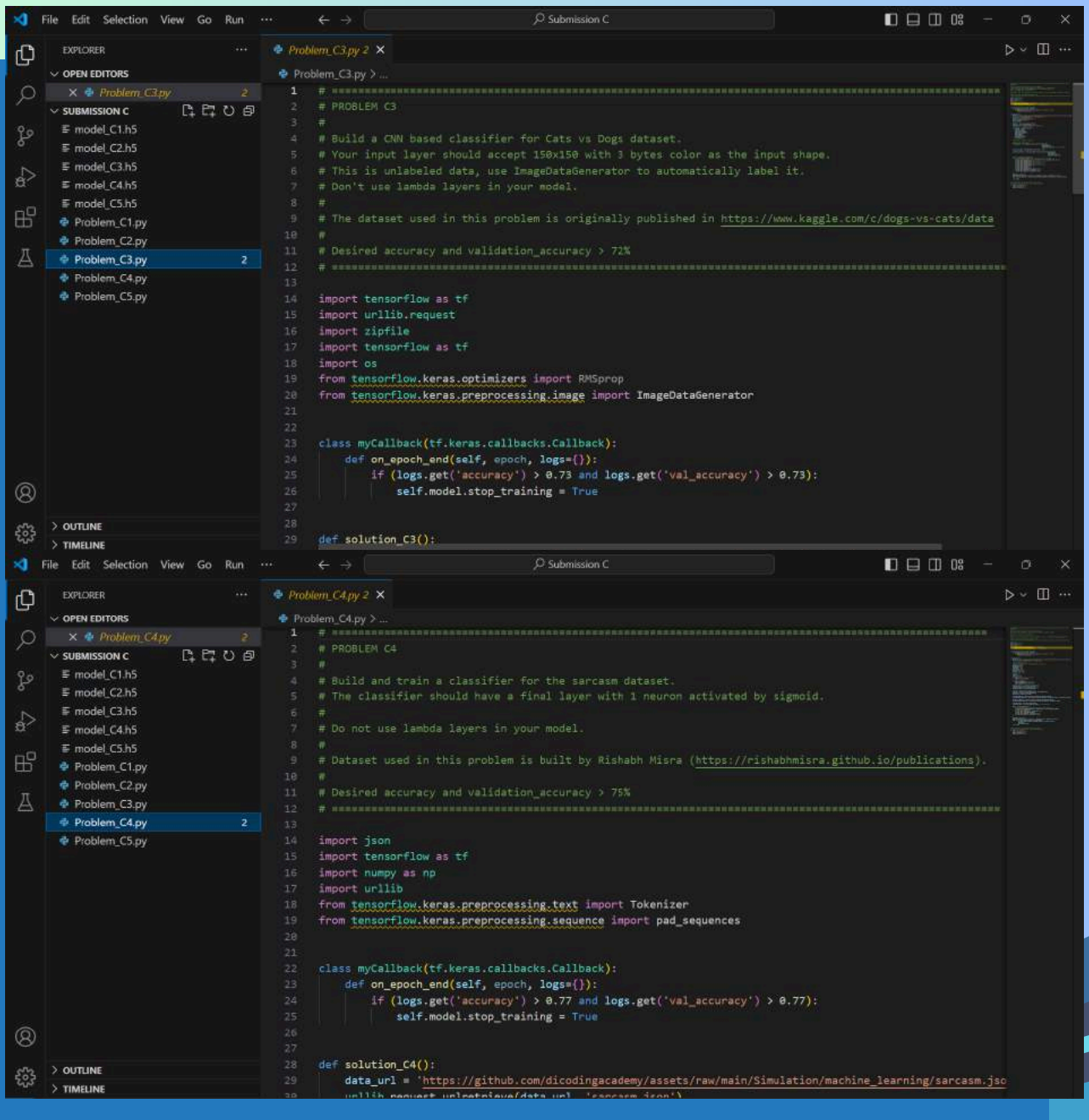
Programing

Data analysis



Programing

Simulasi Ujian TensorFlow Developer

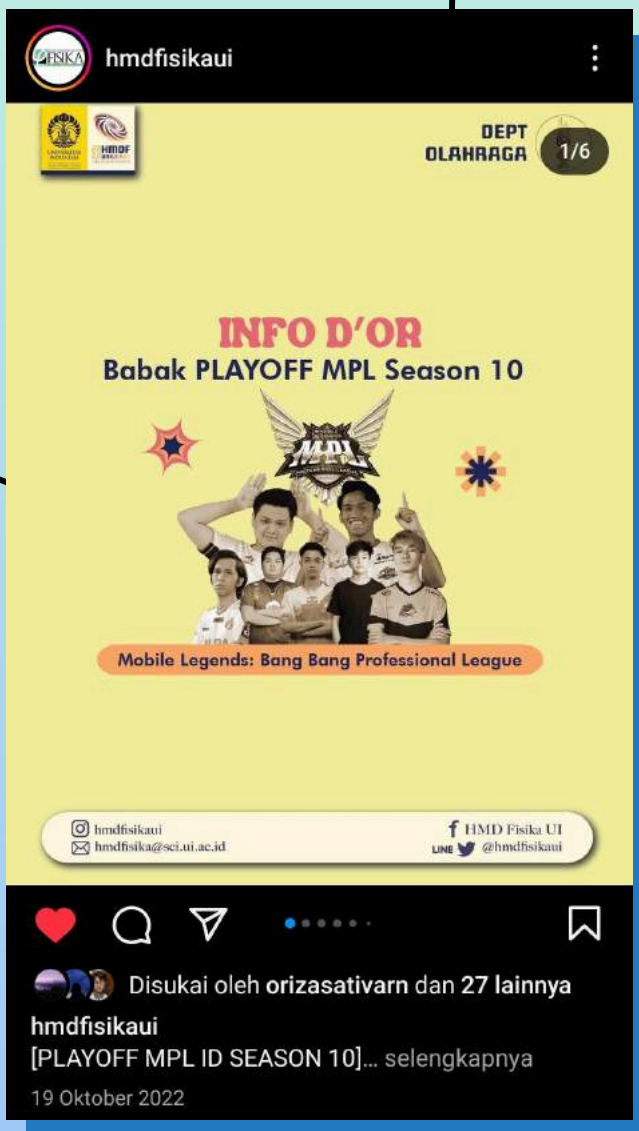


Public Speaking

Giving orations and teaching at high school

Content Writing

Article



Thank you!

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