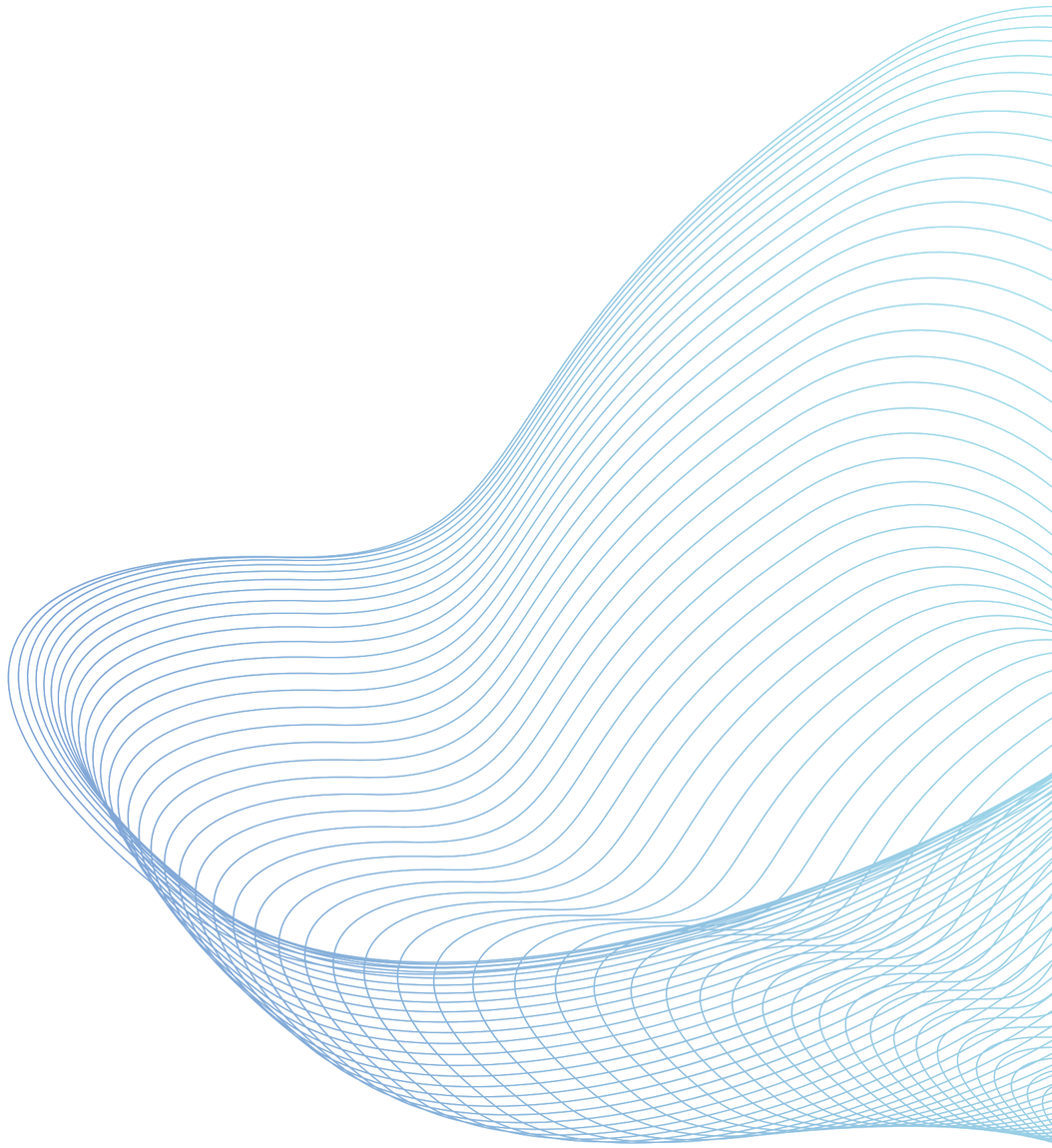
HELLO , I AM

MUHAMMAD RIZKI ALIFIANTO

Data Science | Data Analyst |System Analyst



ABOUT ME

I am an undergraduate information systems student at Gunadarma University (GPA: 3.83). Has a strong passion for data science, data analyst, and machine learning. Proficiency in programming language (Python & SQL), data visualizations, and database management systems. Good in communication, teamwork skills, and can collaborate effectively with clients and other professionals

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https://github.com/RizkiAlifianto23

Muhammad Rizki Alifianto

EDUCATION

2018 - 2021 **SMAN 82 Jakarta**

Mathematic & Natural Science

2021 - NOW **Gunadarma University**

IInformation Systems (GPA 3.83)

EXPERIENCES

Sep 2021 - Sep 2022 **Google Developer Student Club**

Member

- Collected, processed, and analyzed data to provide insights and essential information.
- ·Organize seminars and invited experienced speakers to present on data analysis
- ·Create reports and data visualizations to support decision-making
- Collaborated with the team to create and optimize the appearance and functionality of the website.

May 2022 - Apr 2023 **VM Lepkom Gunadarma**

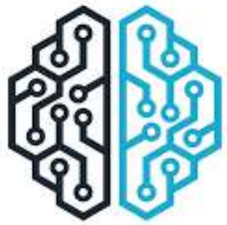
Laboratory Assistant

- Assisted with the installation, configuration, and maintenance of required software.
- Collaborated with instructors in preparing and organizing practicums or other academic activities
- ·Tested new software or software updates before they were implemented throughout the laboratory

SKILLS

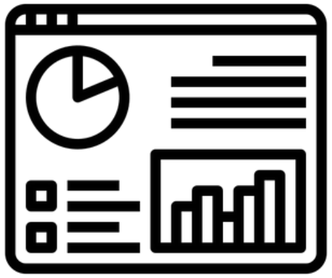
Python

SQL



Machine Learning

Statistics



Visualization

Hard Skills

- Python (Pandas, Numpy, SKLearn, Matplotlib, Seaborn)
- Database (MySQL, SQL Server Studio)
- Machine Learning
- Statistics
- Data Visualization

Soft Skills

- Team Work
- Communication Skills
- Problem Solving
- Analythic Thinking

CERTIFICATION

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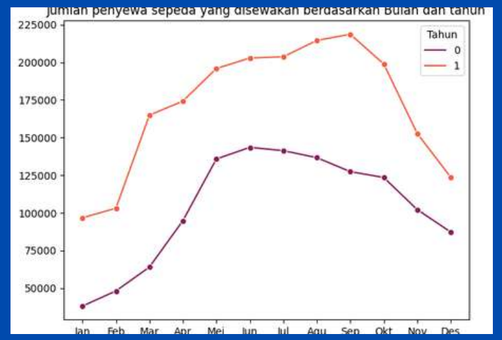
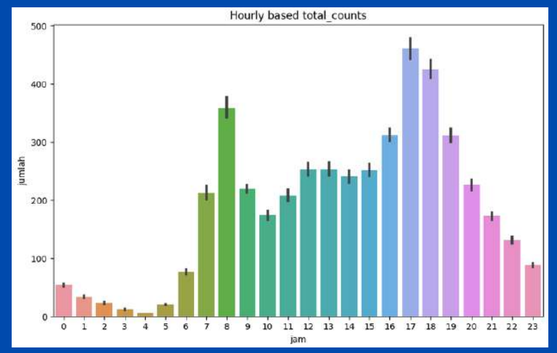
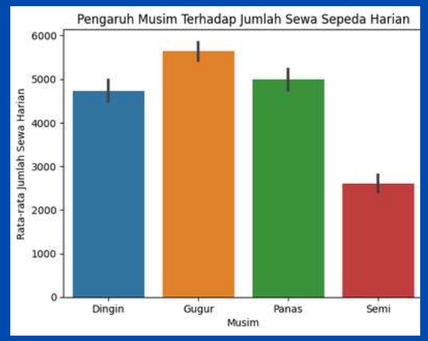
DICODING FINAL PROJECT

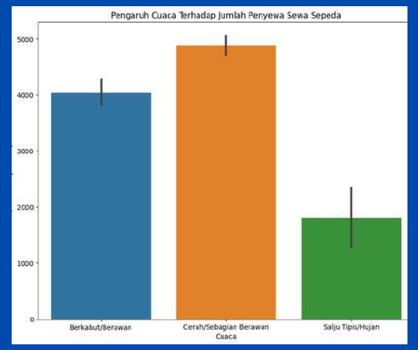
BIKE SHARING RENTALS

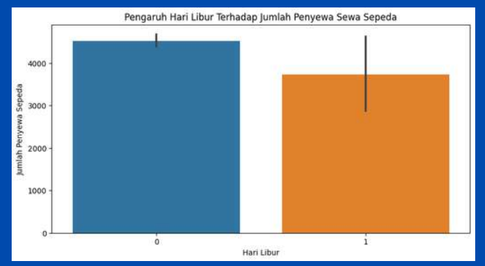
Click here for detail

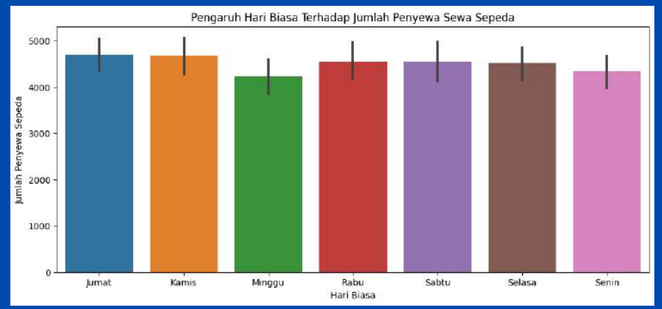












SUMMARY

In this project I grouped cyclists by season, weather, workingday, holiday, weekday as well as finding out the busy hours of cycle rental users and looking at trends in cycling use in each month

- Autumn is the season with the most bicycle rental users and spring the least.
- Bicycle rentalers tend to rent in clear or partly cloudy weather followed by cloudy/misty and the least is thin snow/ rain while in bad weather no one rents a bicycle
- 5:00 and 6:00 p.m. are the hours with the most bicycle rentalers, and 8:00 am is also quite a lot. It's because at that time it's a busy time people go home and go to work.
- On Weekday, Friday is the day with the most rental bicycles and Sunday is the least rental day.

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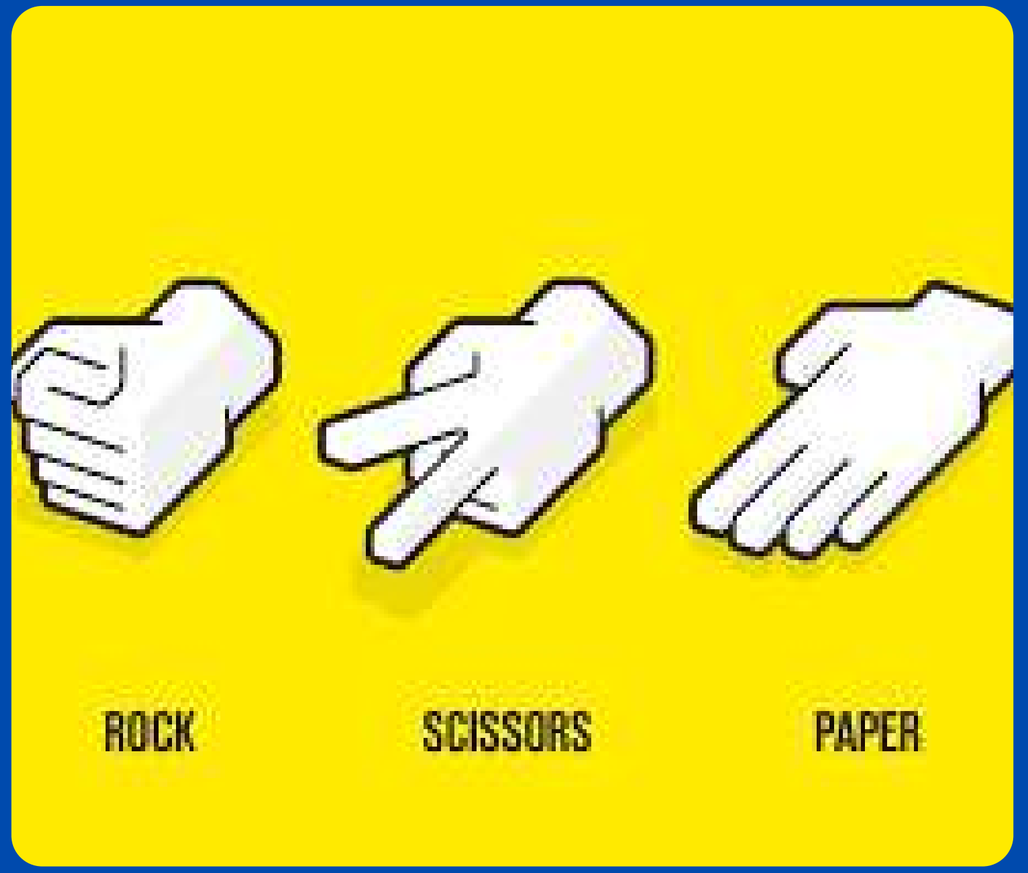
SCISSORS ROCK PAPER IMAGE CLASSIFACATION

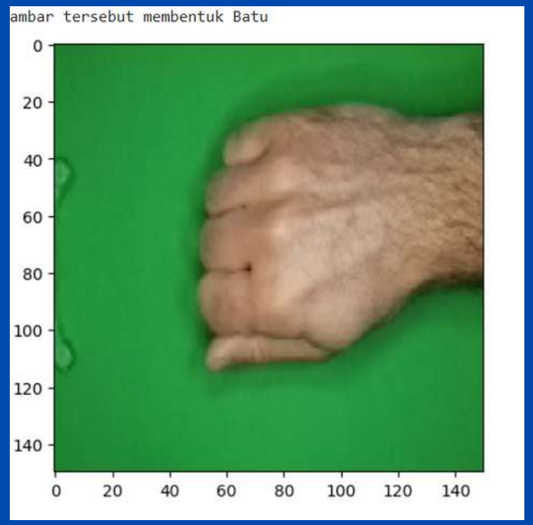
Click here for detail



Python Query

```
import numpy as np
from keras.preprocessing import image
import matplotlib.pyplot as plt
import matplotlib.image as mpimg
from google.colab import files
%matplotlib inline

uploaded = files.upload()

for fn in uploaded.keys():

  path = fn
  img = image.load_img(path, target_size =(150,150))
  imgplot = plt.imshow(img)
  x = image.img_to_array(img)
  x = np.expand_dims(x, axis=0)

  images = np.vstack([x])
  classes = model.predict(images, batch_size=10)

  if classes[0,0]!=0:
    result = 'Kertas'
  elif classes[0,1]!=0:
    result = 'Batu'
  else:
    result = 'Gunting'
```

Result



SUMMARY

In this project I classified images using tensorflow machine learning

Task Done :

- Building model architecture with Convolutional Neural Network (CNN)
- Data Augmentation
- Data Modelling and Data Splitting
- Compile and Training Model

LET'S WORK TOGETHER

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Muhammad Rizki Alifianto