

# Creative Portofolio

Hanif Naufal Rafandi

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Hanif Naufal Rafandi

## About Me

Informatics Engineering student from Malang State Polytechnic with bootcamp experience in data cleaning, data visualization, and data processing. Have high interest and aspirations in the field of data analyst and data processing. I am a person who has high curiosity about various things that I think are interesting to learn and never gives up in finding solutions to existing situations, and has good data analysis. I can work independently or as a team to complete tasks and responsibilities in my field.

# E d u c a t i o n

## **Malang State Polytechnic**

**August 2021 – June 2025 (Expected)**

*Information Technology, majoring in Informatics Engineering.*



- Current GPA: **3.66/4.00**
- Participated as a Data Challenge participant at the Data Science Weekend (DSW) 2023.

# Bootcamp Experience

**Indosat Ooredoo Hutchison**

***Machine Learning***

September 2023 - Present

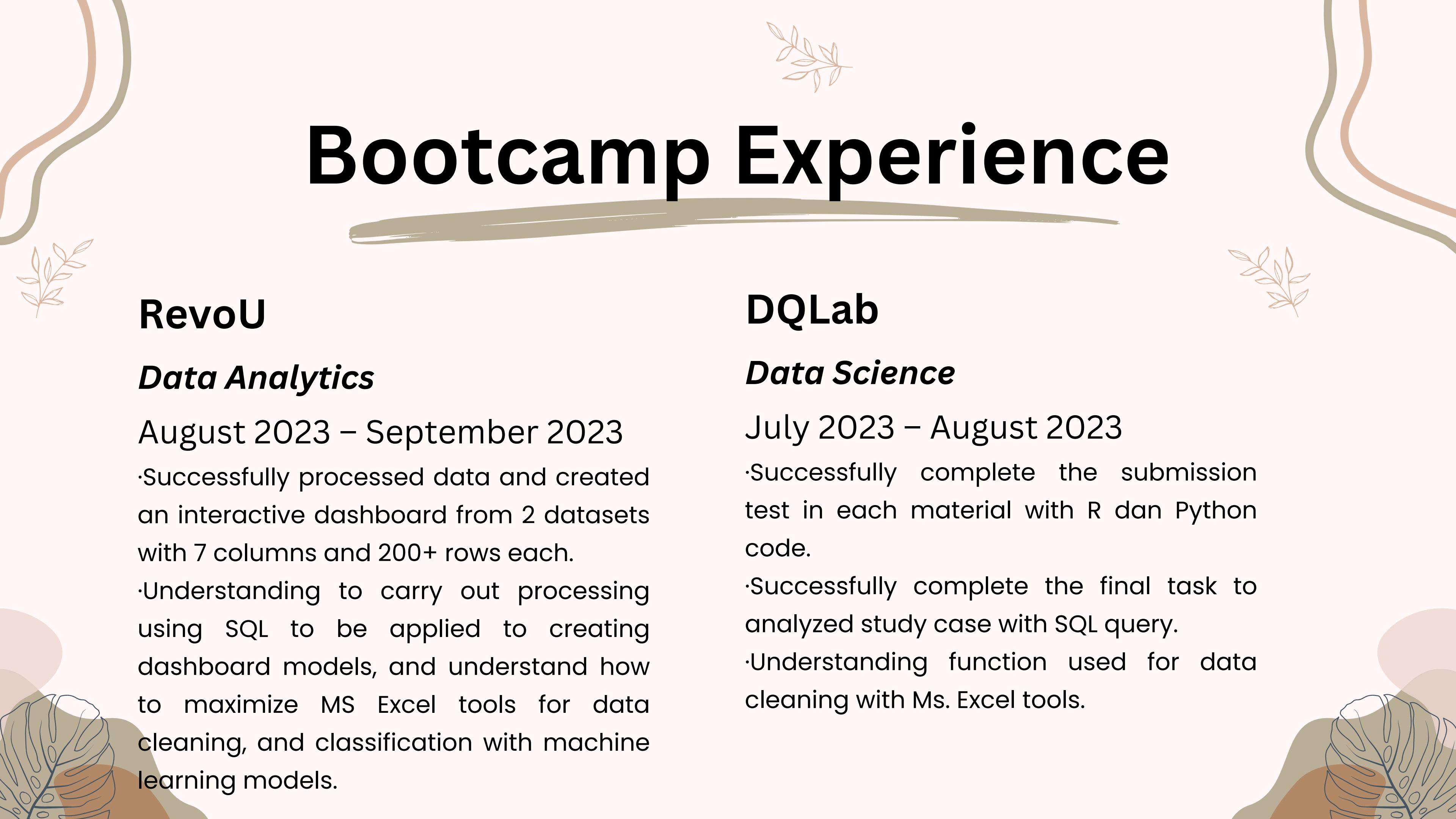
- Understanding to create good data visualizations, process data using SQL queries, and process data using machine learning models.
- Create a machine learning processing model with 2000+ image data to recognize and classify its types.
- Successfully complete the submission test in each material.

**SMKDEV**

***Data Analyst***

August 2023 - Present

- Successfully carried out data cleaning and modeling from a Netflix Userbase dataset with 10 columns and 2500+ rows.
- Understanding to do good data cleaning and modeling and create data visualization using visualization tools.
- Collaborated with teammates to be able to analyze an existing problem based on the dataset provided.



# Bootcamp Experience

## RevoU

### ***Data Analytics***

August 2023 – September 2023

- Successfully processed data and created an interactive dashboard from 2 datasets with 7 columns and 200+ rows each.
- Understanding to carry out processing using SQL to be applied to creating dashboard models, and understand how to maximize MS Excel tools for data cleaning, and classification with machine learning models.

## DQLab

### ***Data Science***

July 2023 – August 2023

- Successfully complete the submission test in each material with R dan Python code.
- Successfully complete the final task to analyzed study case with SQL query.
- Understanding function used for data cleaning with Ms. Excel tools.

# Project Experience

## Indosat Ooredoo Hutchison (Machine Learning)

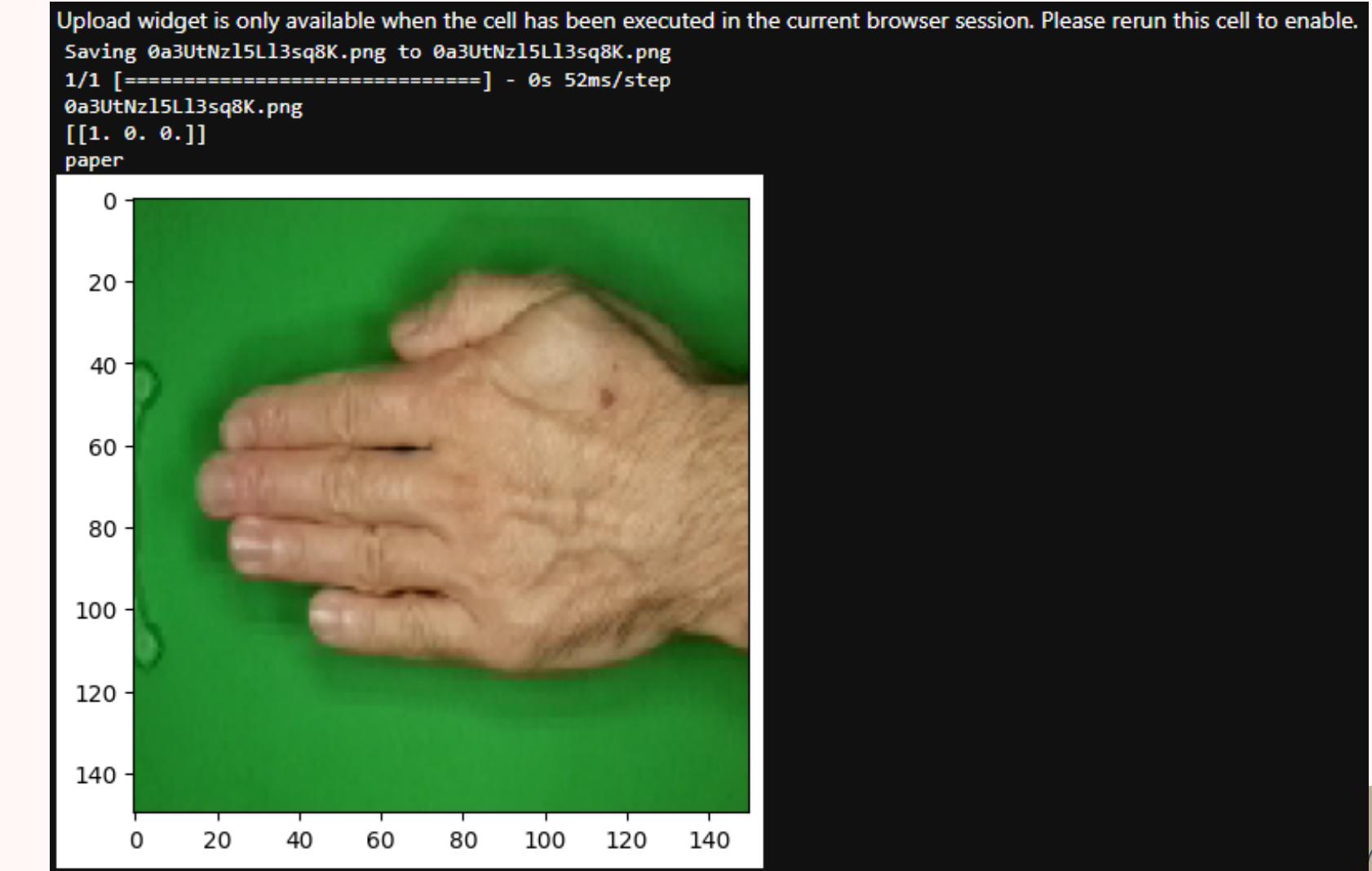
```
def move_files(source_folder, destination_folder, percent):
    files = os.listdir(source_folder)
    percentage = percent/100
    num_files = int(percentage * len(files))

    for i in range(num_files):
        fl = files[i]
        source = os.path.join(source_folder, fl)
        try:
            os.mkdir(destination_folder)
        except FileExistsError:
            pass
        destination = os.path.join(destination_folder, fl)
        os.rename(source, destination)

    folders = ['scissors', 'paper', 'rock']

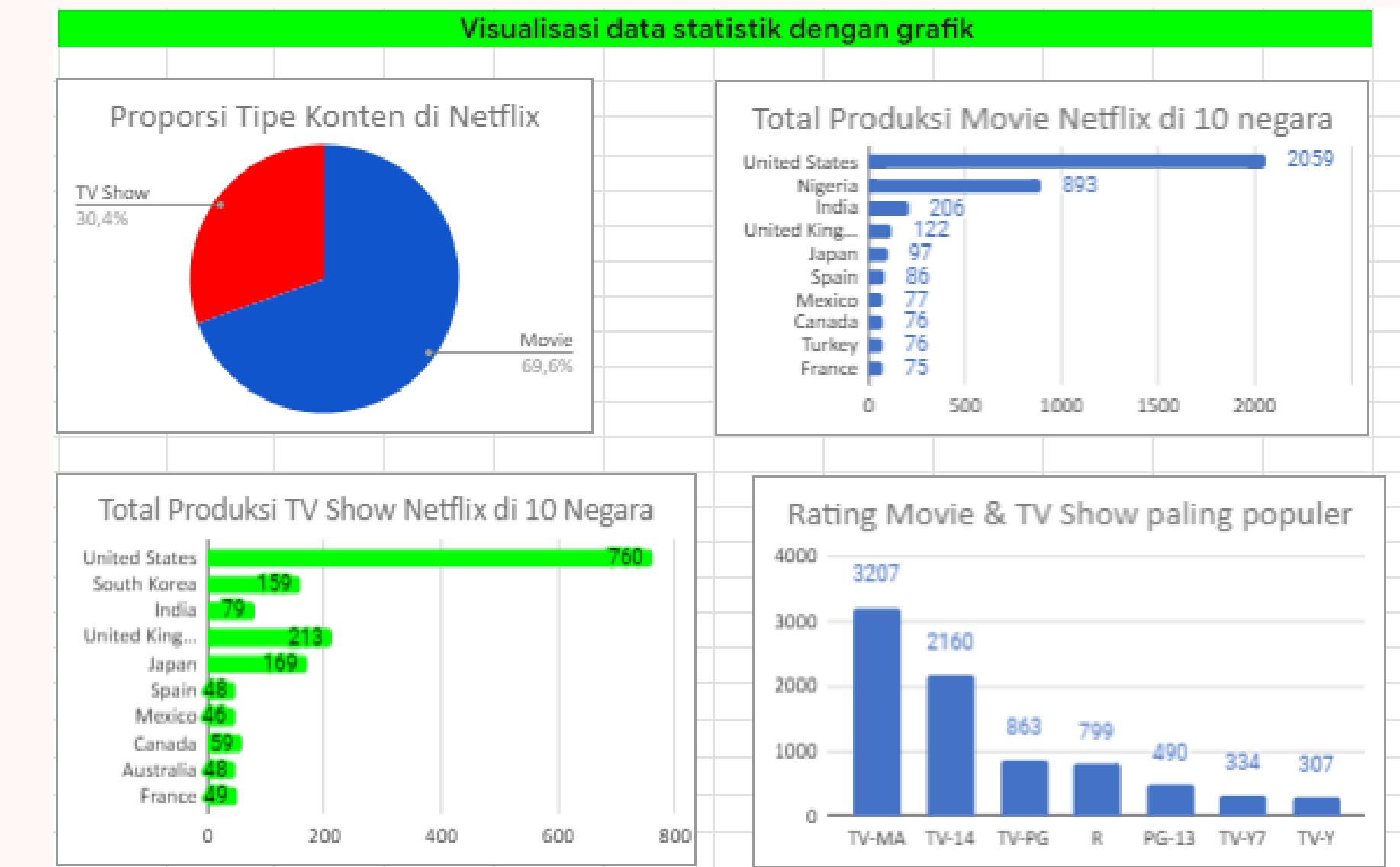
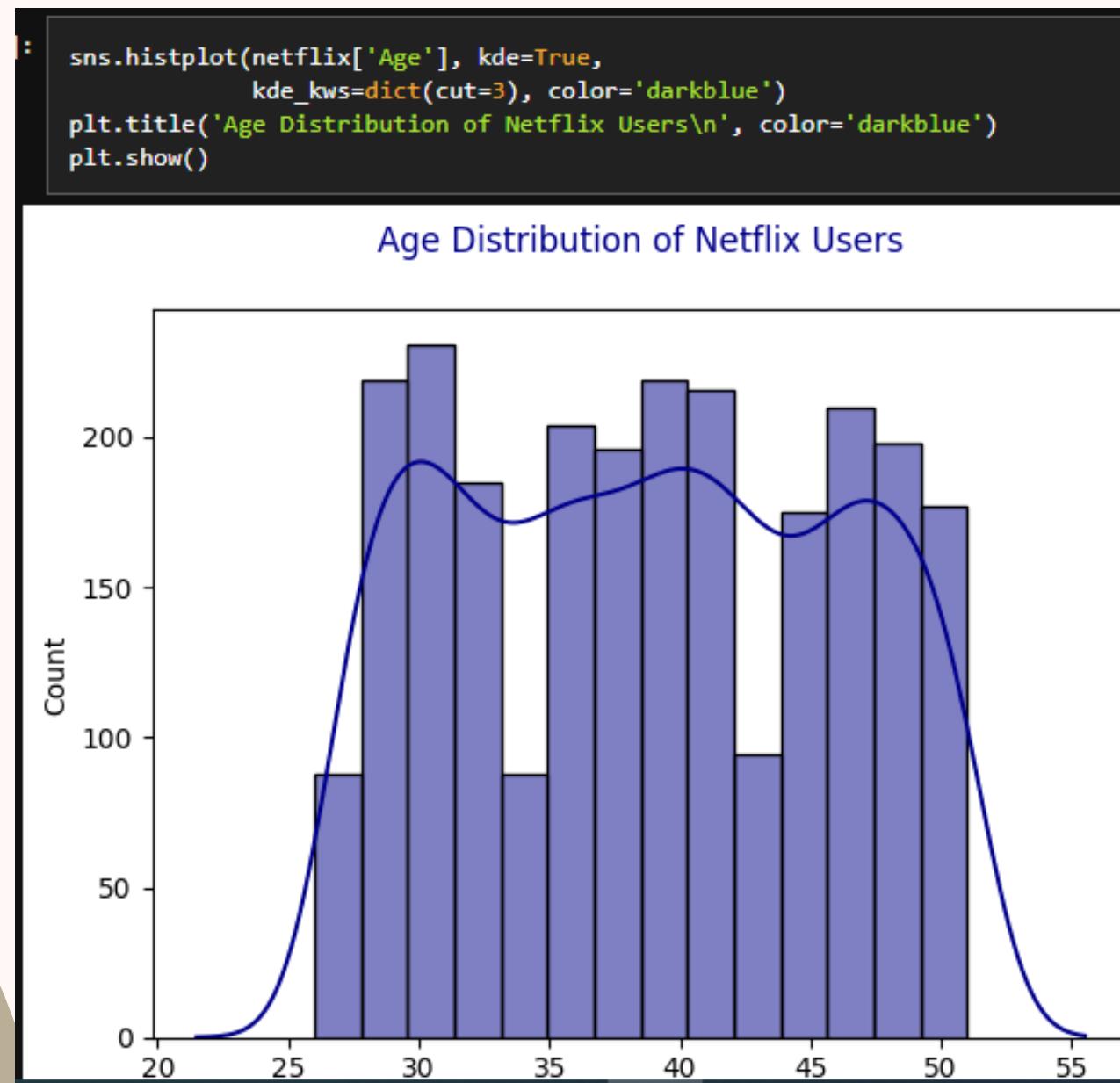
    for folder in folders:
        source = os.path.join(base_dir, folder)
        destination_train = os.path.join(train_dir, folder)
        destination_validation = os.path.join(validation_dir, folder)
        move_files(source, destination_train, 60)
        move_files(source, destination_validation, 100)

os.listdir('/tmp/rockpaperscissors/train')
```

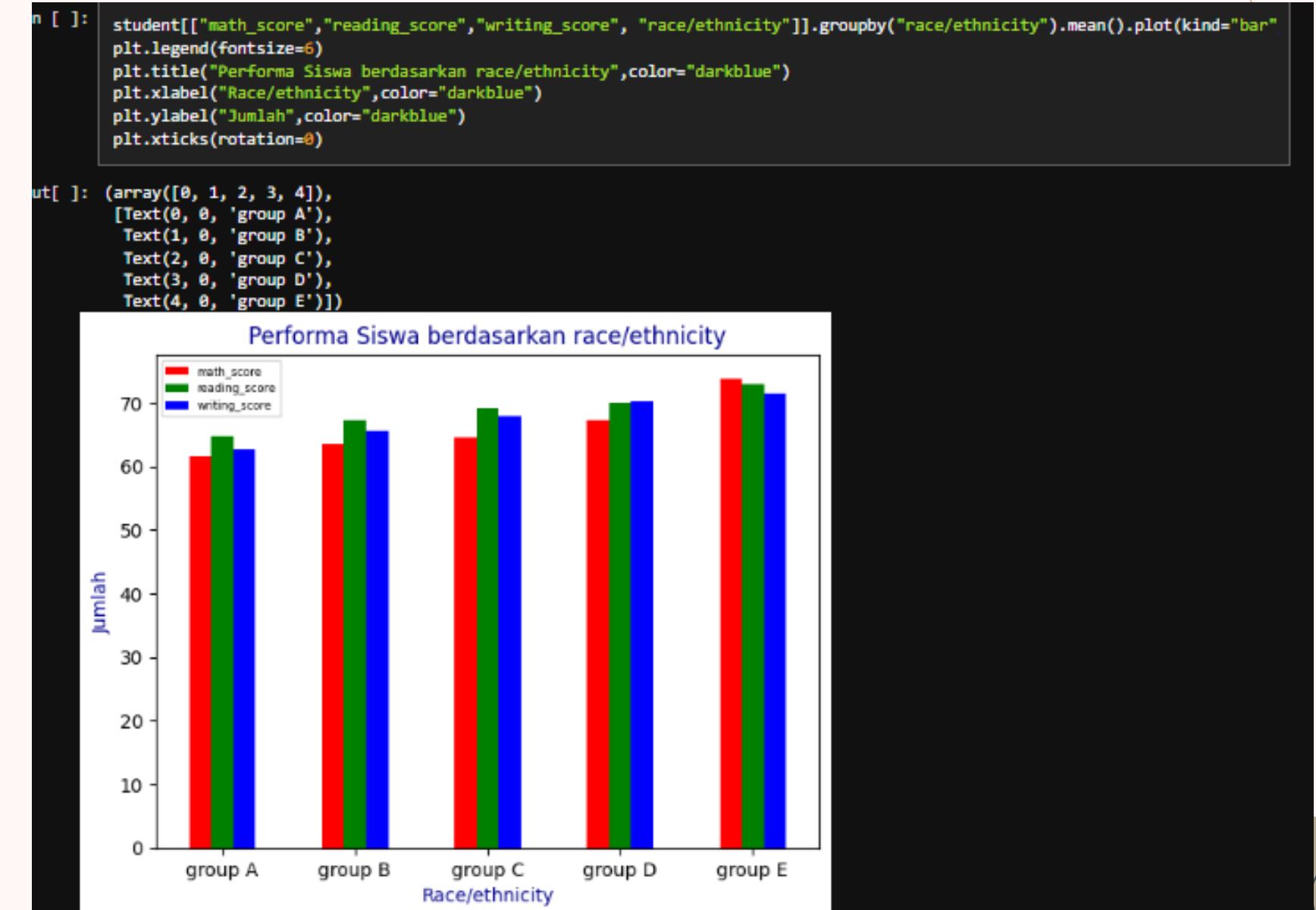
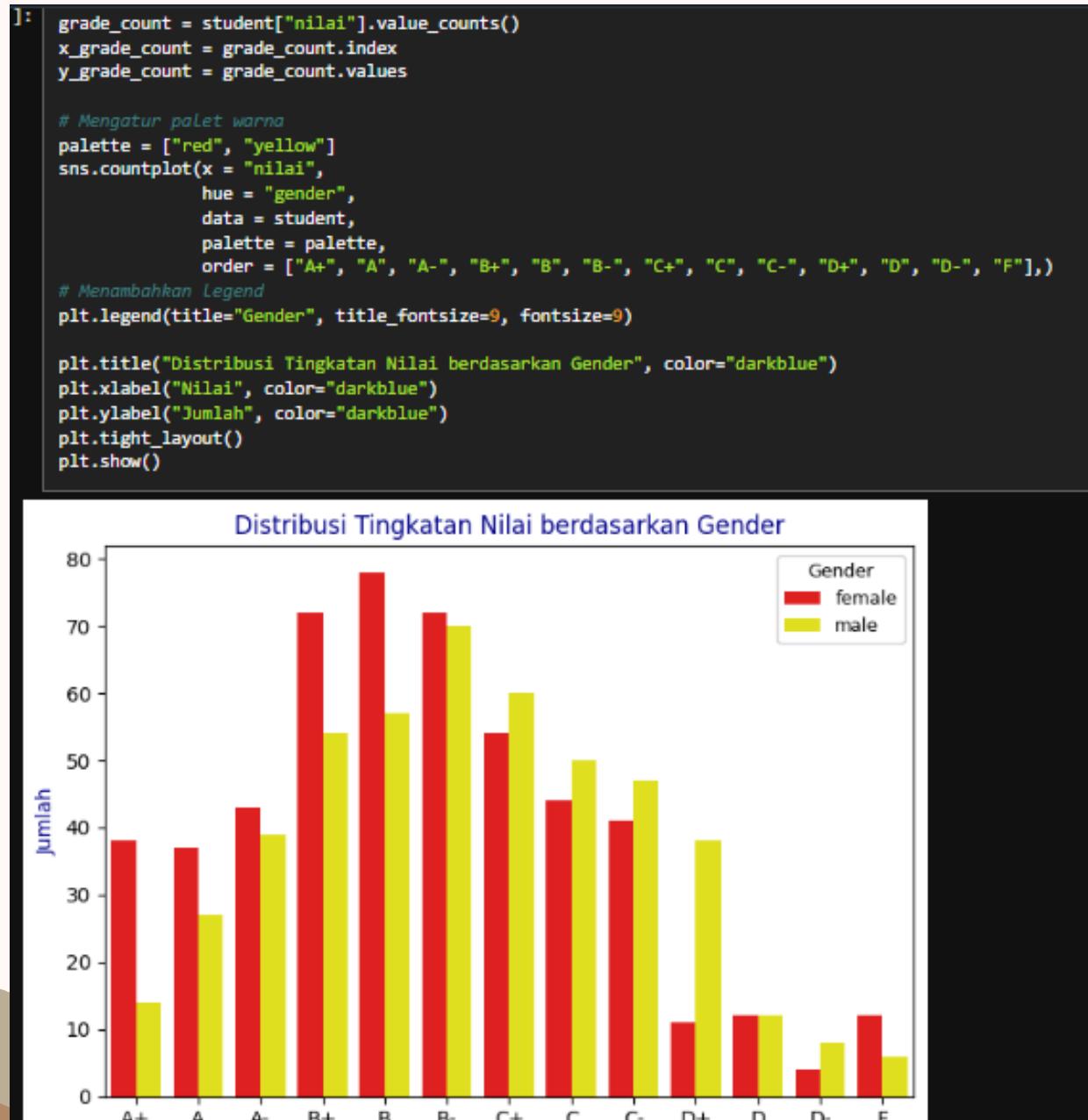


# Project Experience

## SMKDEV (Data Analyst)

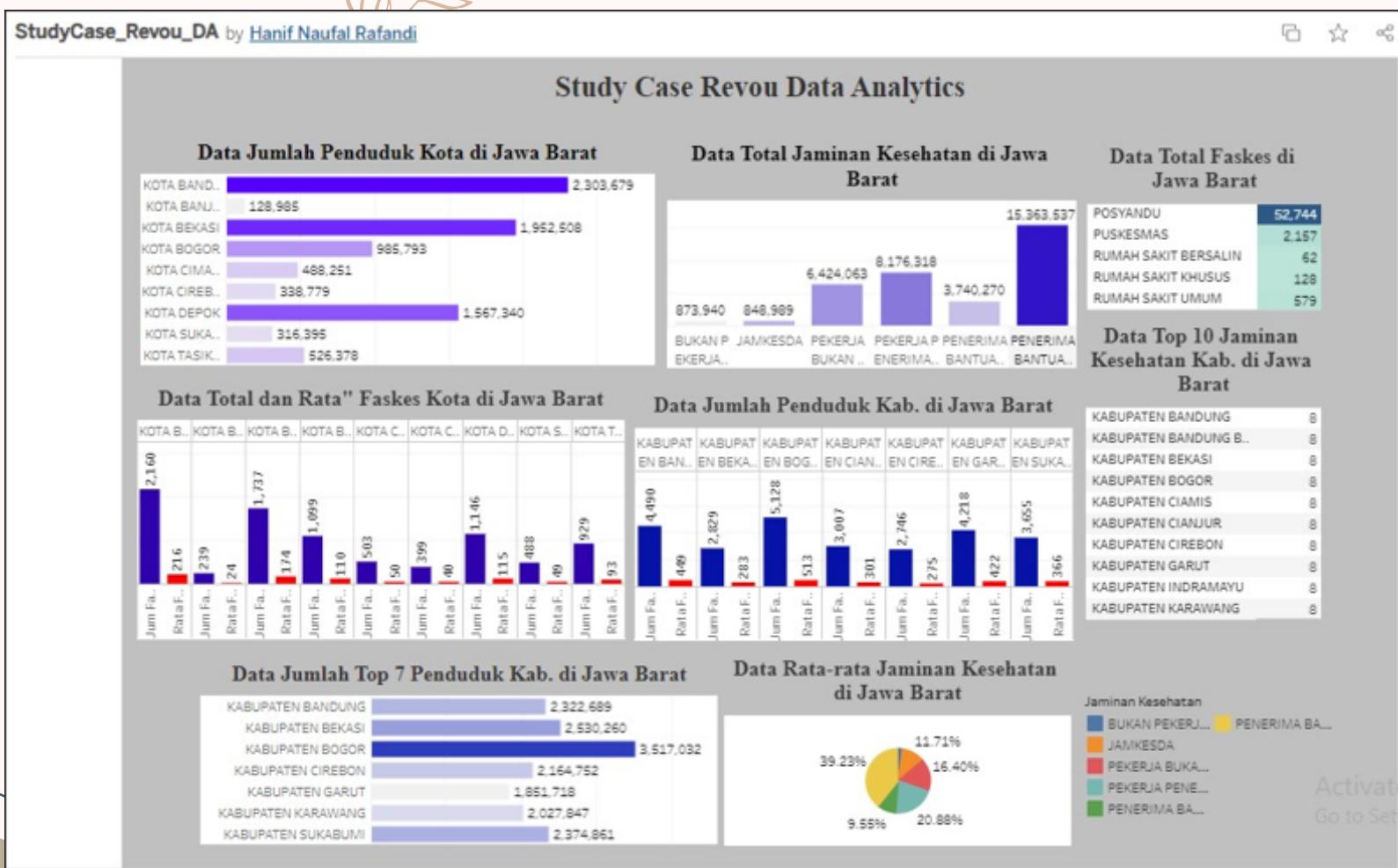


# Project Experience



# Project Experience

## RevoU (Data Analytics)



\*StudyCase1 \*StudyCase2 \*StudyCase3 \*StudyCase4 \*StudyCase5 \*S...

StudyCase2

Query completed.

```
1 SELECT
2     jaminan_kesehatan,
3     SUM(jumlah_penduduk) AS tot_penduduk,
4     ROUND(AVG(jumlah_penduduk),2) AS avg_penduduk
5 FROM
6     `dark-park-396813.kesehatan.jaminan_kesehatan_jabar`
7     WHERE jumlah_penduduk > 100
8     GROUP BY
9     1
10    ORDER BY
11    2 DESC
```

Press Alt+F1 for Accessibility Options.

SAVE RESULTS EXPLORE DATA

Query results

JOB INFORMATION RESULTS JSON EXECUTION DETAILS CHART PREVIEW EXECUTION GRAPH

Row	jaminan_kesehatan	tot_penduduk	avg_penduduk
1	PENERIMA BANTUAN IURAN (PBI)	15363537	569019.89
2	PEKERJA PENERIMA UPAH (PPU)	8176318	302826.59
3	PEKERJA BUKAN PENERIMA UPAP (PBPU)	6424063	237928.26
4	PENERIMA BANTUAN IURAN (PBI)	3740270	138528.52

Activate Windows  
Go to Settings to activate Windows.

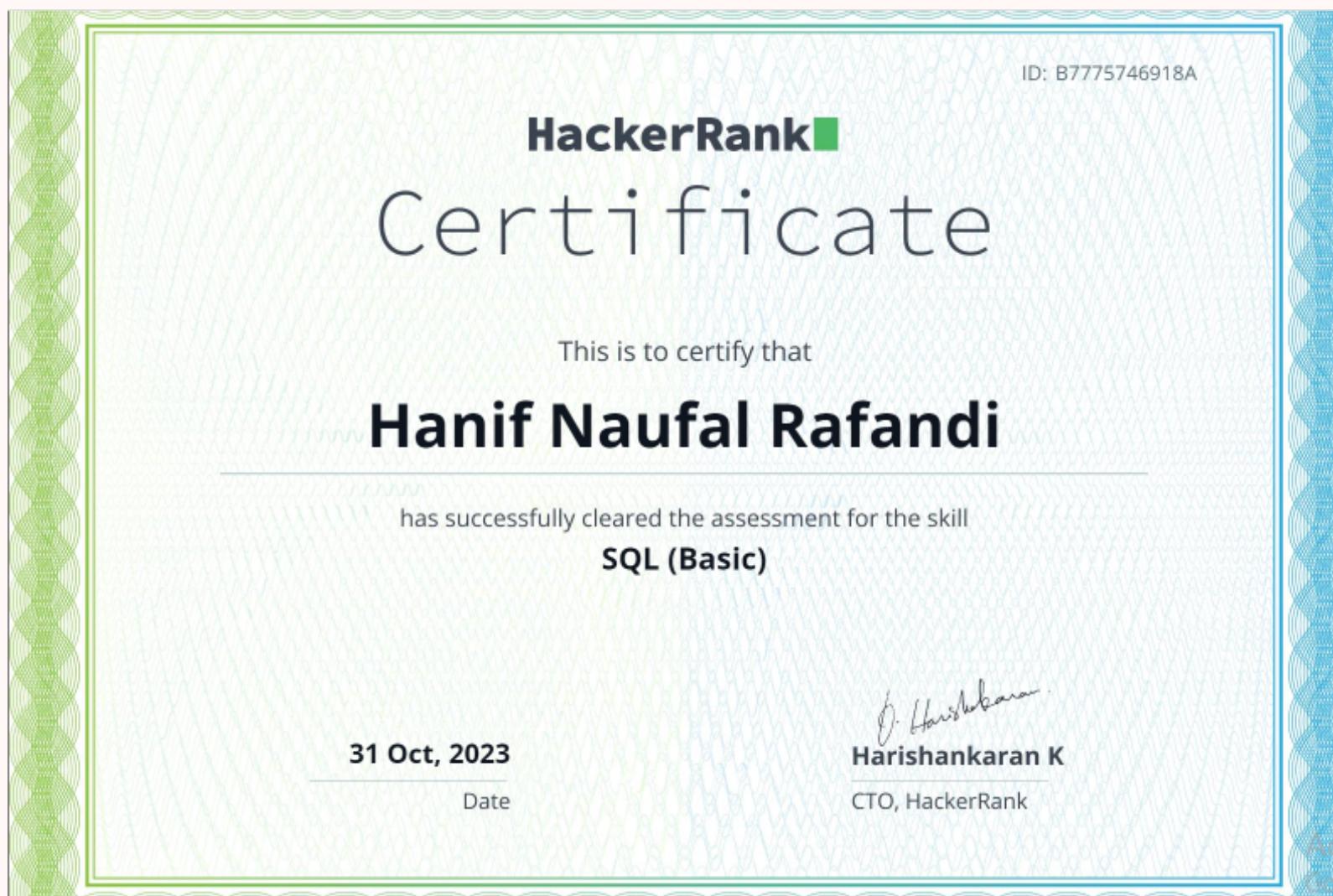
# Certification



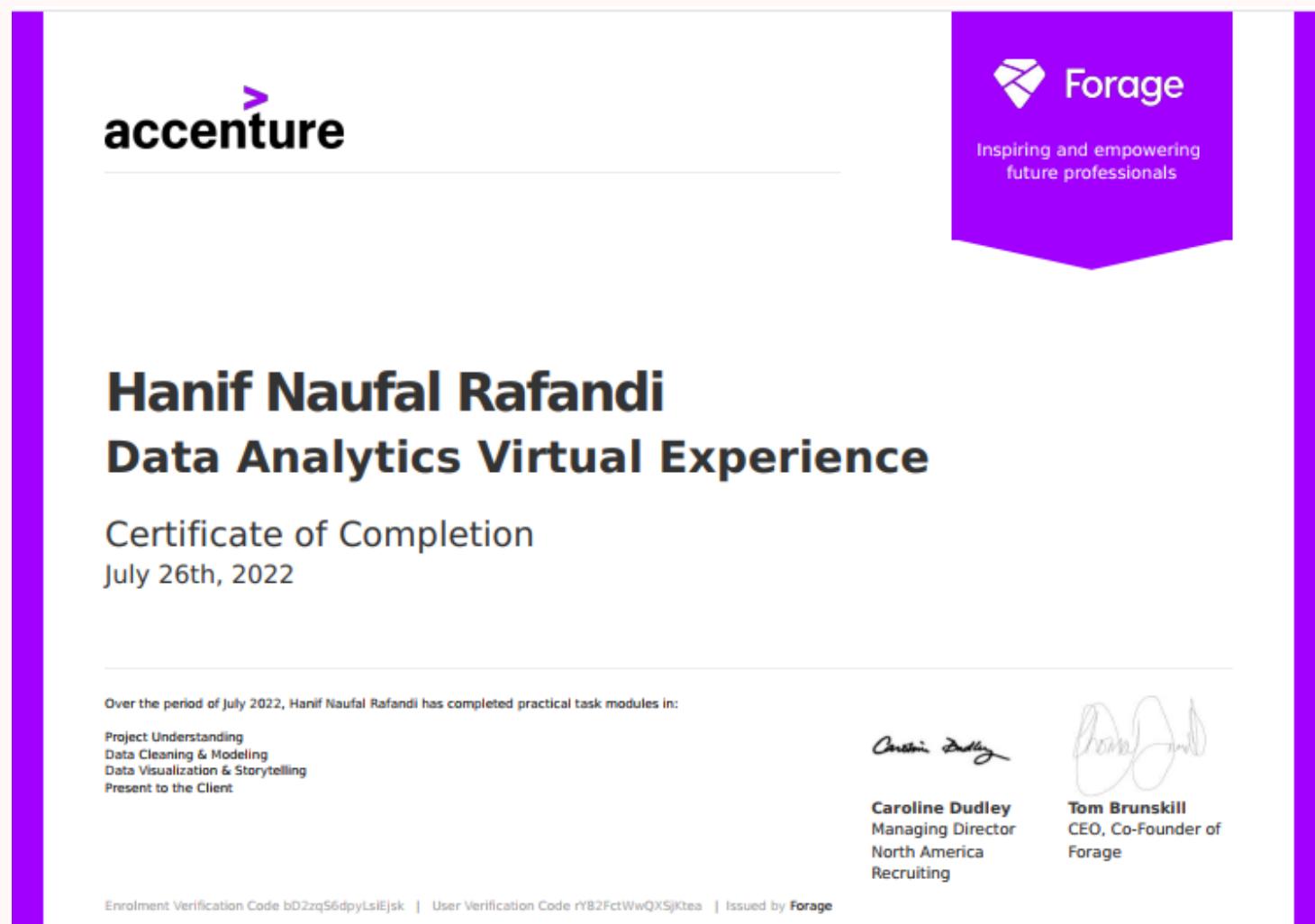
# Certification



# Certification



# Certification



# Skills



## Soft Skill :

- Analytics Thinking
- Critical Thinking
- Good Communication
- Problem Solving
- Adaptive

## Hard Skill :

- Data Visualization
- Data Cleaning
- Data Processing
- Python
- Ms. Excel & Power Query
- Tableau

# Achievement

**passed the project test with a top rank of 1% from 10,000+ participants with the fastest time and good results in RevoU bootcamp Data Analytics field (2023).**



# Contact



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Link Porto : <https://hanifrafandi014.github.io/>

*Thank  
You*