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# My Portfolio

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# ABOUT ME

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Hello, I am Putri Cahyani, and a graduate of Information Systems with a focus on Big Data Analytics. I have the ability to collect, clean, analyze, and visualize data. Experienced in using various data analysis tools and techniques, including Microsoft Excel, Power BI, SQL, and Looker Studio. I have a strong interest in learning and growing in the field of data analytics, and I am eager to apply my skills to drive insights and support data-driven decision-making.

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# EDUCATION

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## KALBIS UNIVERSITY

Bachelor of Applied Information System  
Sep 2020 - Des 2024

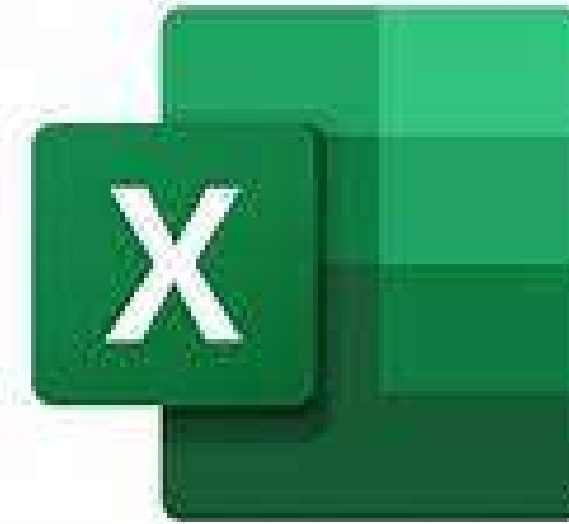


## PT MARI BELAJR INDONESIA CERDAS

Data Analyst and AI - Studi Independen (MSIB)  
Feb 2023 - Jun 2023

# Skill and Abilities

- 01.** Programing Language : SQL and python
- 02.** Visualization : Power BI and Lokker Studio
- 03.** Data Analysis: Exploratory Data Analysis/Visualization, Descriptive Statistics, Corelation Analysis, Cluster Analysis
- 04.** Excel./Sheet
- 05.** Data Storytelling Skill



**Power BI**





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# My Project

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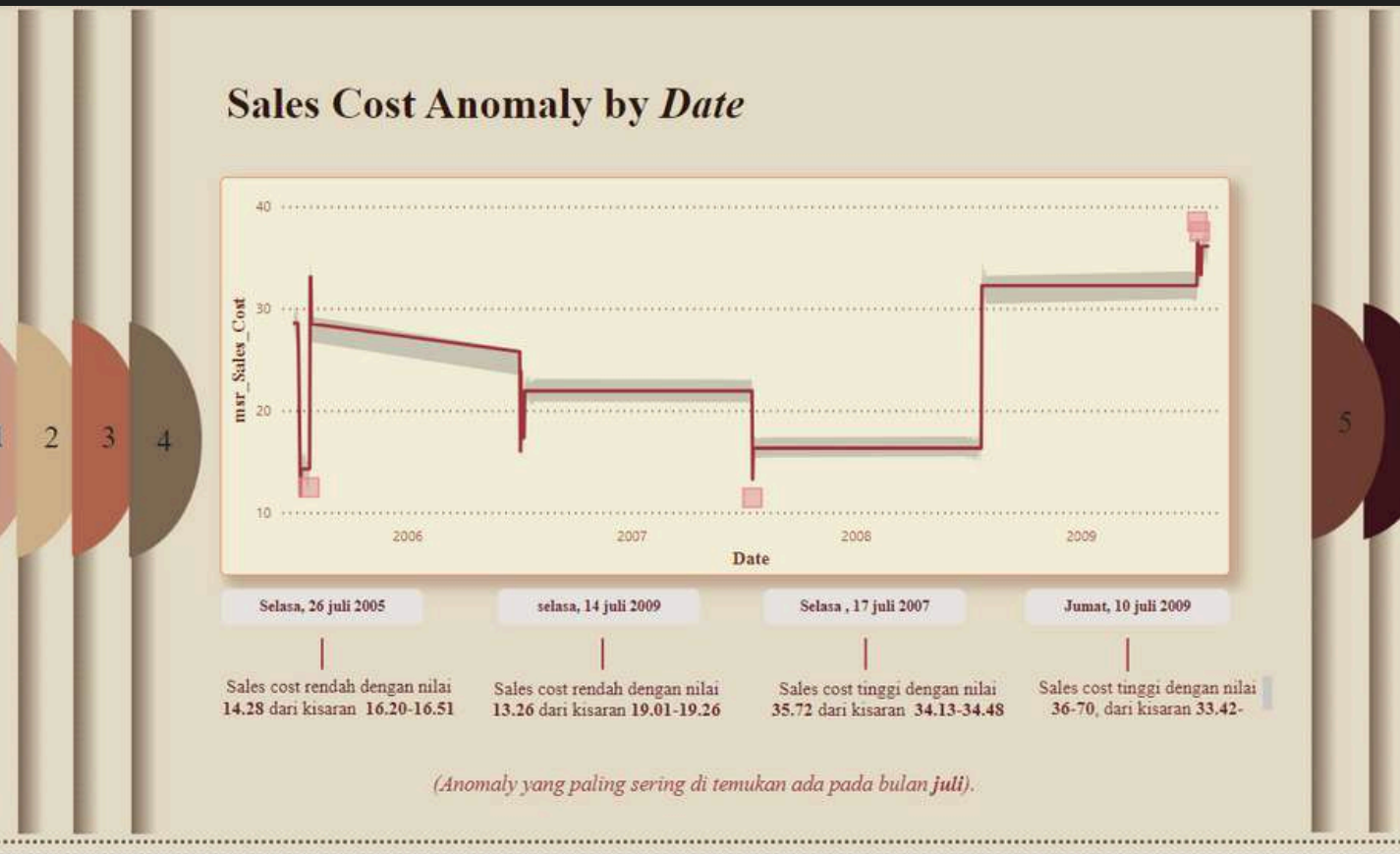


# Dashboard Kunjungan wisata

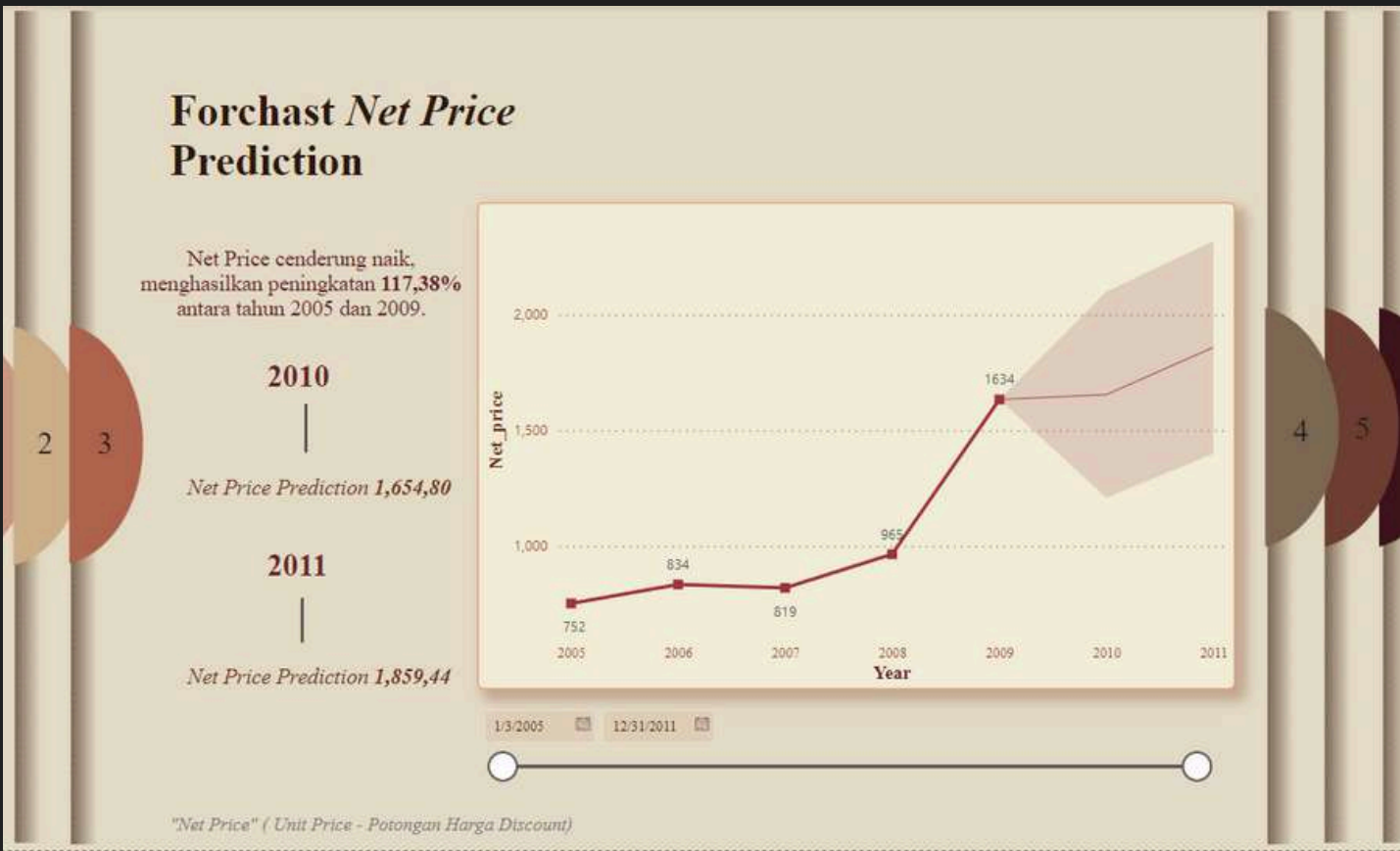
The purpose of this dashboard will provide information needed by the community and government will be presented in more detail and easy to understand. This dashboard will provide informative visual information, such as graphs, diagrams, and maps, which facilitate understanding and analysis of data.



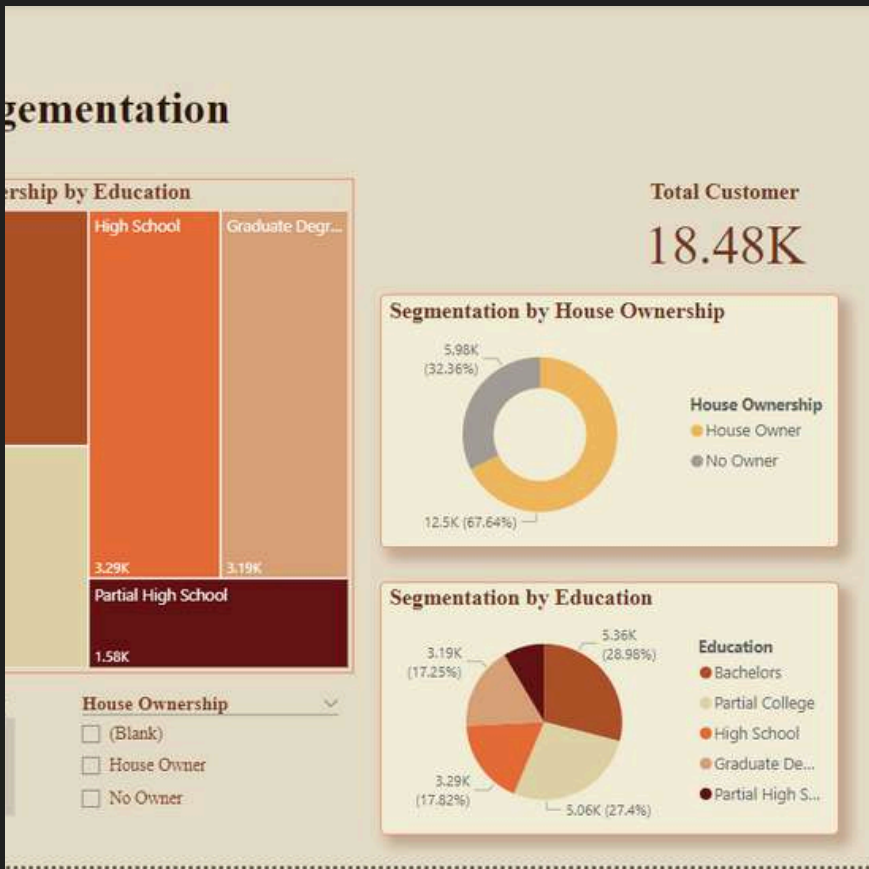
COST ANOMALY



FORCHAST PREDICTION



CUSTOMER SEGMENTATION

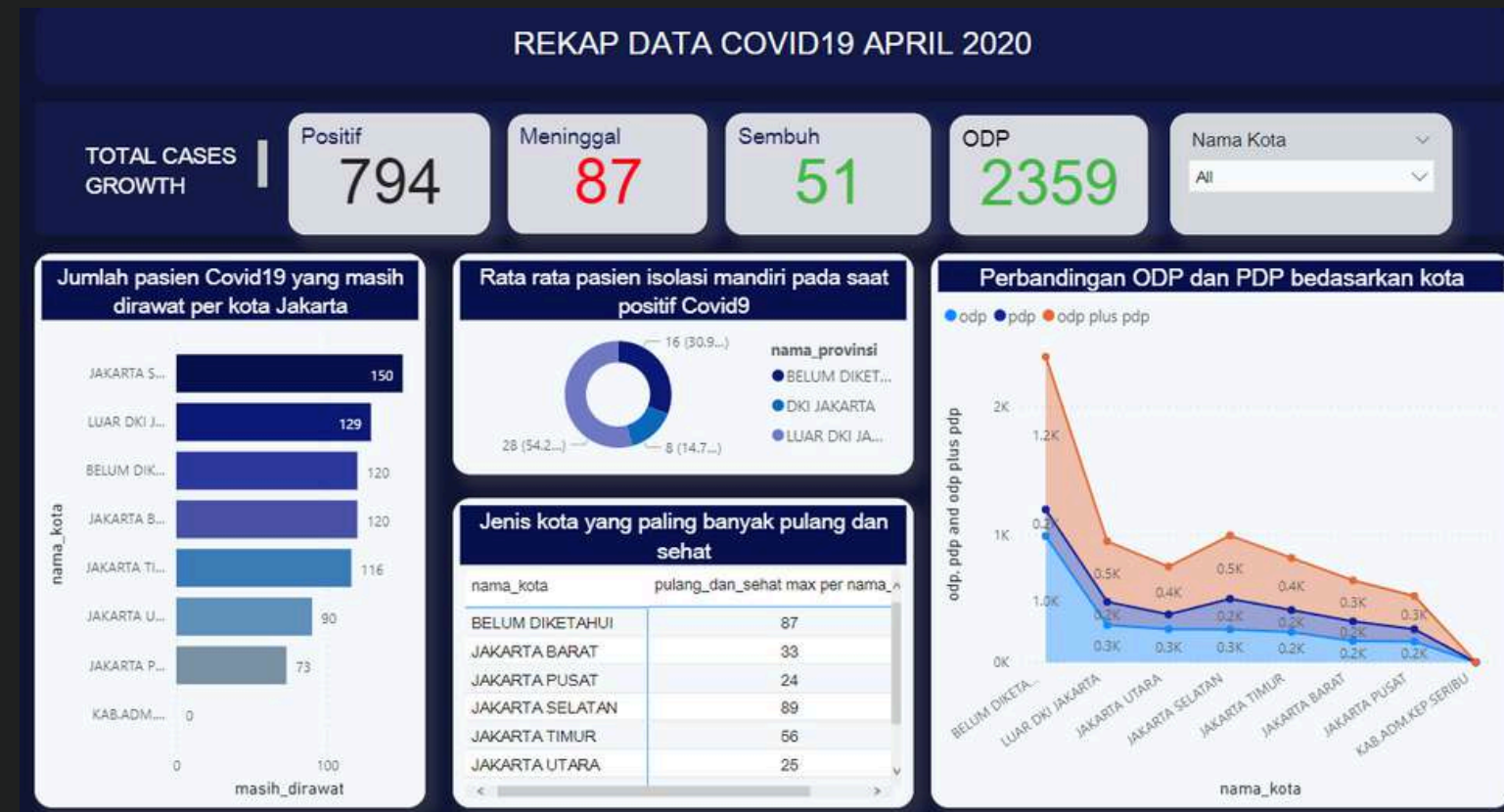


Dashboard  
Sales report

In making this data visualization refers to the dataset that has been determined, so as to produce a dashboard that contains information according to the needs of the data

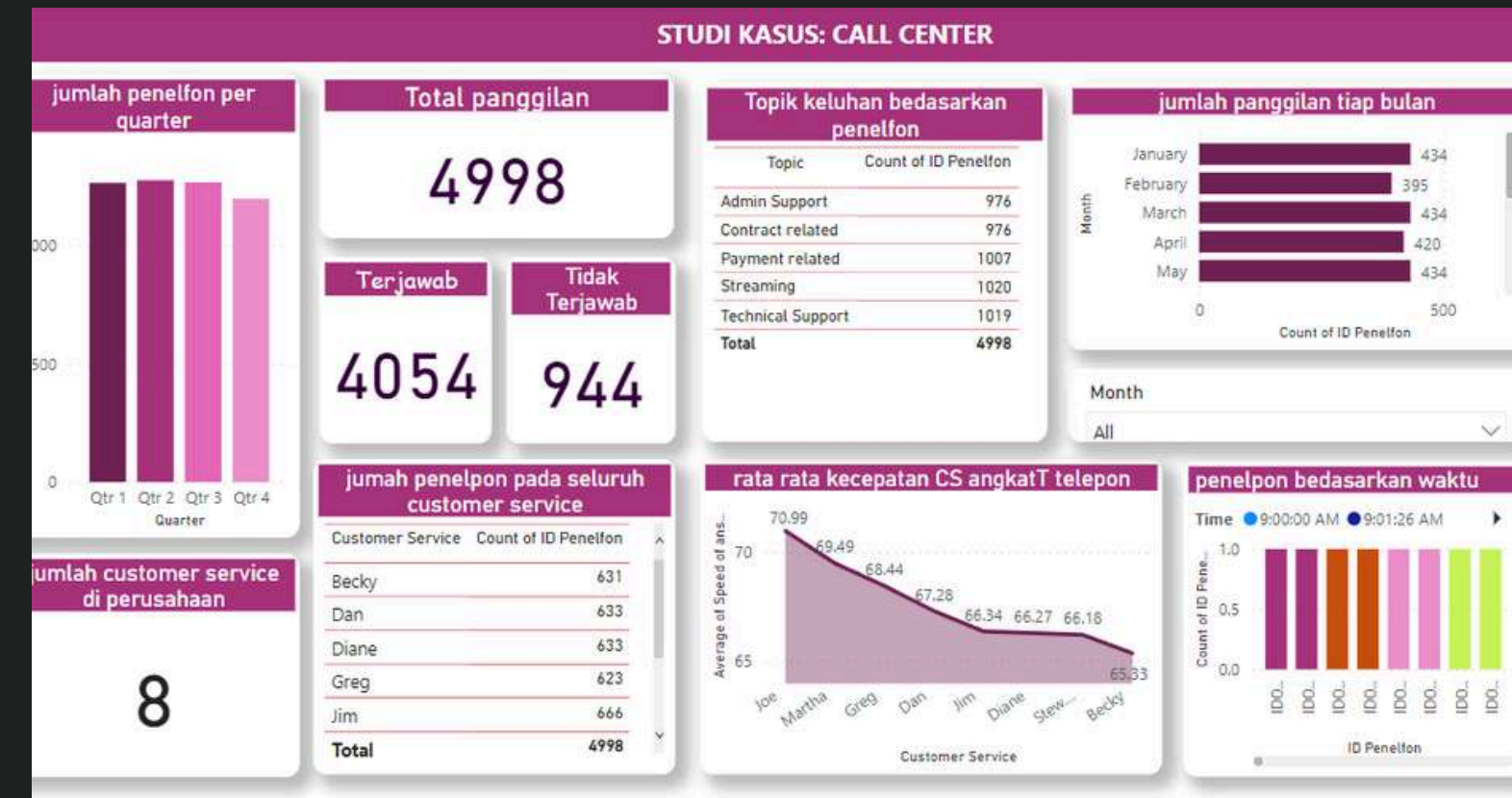
# Dashboard

## DATA COVID ANALYSIS



This data visualization explains how the statistics of the distribution of covid19 patient cases in April 2020 specifically in the city of Jakarta

## DATA CALL CENTER ANALYSIS



This visualization can describe and calculate buyer data data on company products or services through visual representations in graphs and diagrams based on existing data sets in the company



```
# Function to determine sentiment polarity of tweets
def sentiment_analysis_lexicon_indonesia(text):
    #for word in text:
    score = 0
    for word in text:
        if (word in lexicon_positive):
            score = score + lexicon_positive[word]
    for word in text:
        if (word in lexicon_negative):
            score = score + lexicon_negative[word]
    polarity=''
    if (score > 0):
        polarity = 'positif'
    elif (score < 0):
        polarity = 'negatif'
    else:
        polarity = 'netral'
    return score, polarity
```

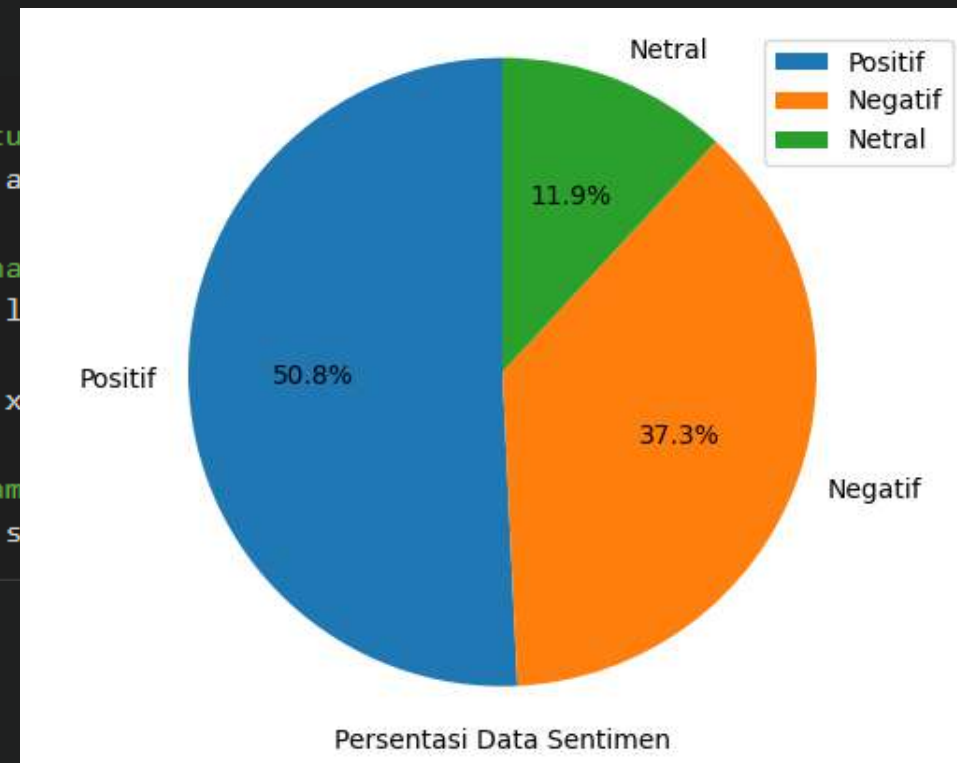
```
results = data['Stemming'].apply(sentiment_analysis_lexicon_indonesia)
results = list(zip(*results))
data['jumlah_polarity'] = results[0]
data['sentimen'] = results[1]
print(data['sentimen'].value_counts())
```

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plt.a
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plt.x
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# Tam
plt.s
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# Analysis Sentiment (G-colab)

## 01.

This research uses three algorithms: Naïve Bayes, Support Vector Machine (SVM), and Random Forest.

## 02.

The aim of this research is to test and compare the performance of the three algorithms to determine the best in classifying sentiment data from the X platform. The data consists of 10,000 tweets collected using the crawling method with the Python Harvest Library and Node.js, using keywords related to IKN.



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# Thankyou

That's my portfolio so far.

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