

PORTFOLIO

# DWI WINDA FITRIKA

DATA ENTHUSIAST





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# ABOUT ME

Highly motivated undergraduate student at STMIK Mardira Indonesia majoring in Information Systems, with a keen interest in IT and a passion for learning new things beyond the IT field. Highly interested in becoming a Data Scientist, Data Analyst and Web Developer, and skills in Public Speaking, Communication, Teamwork, and easily adapts to new environments.



# EDUCATION

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**2021 – 2015 (Expected)**  
**STMIK Mardira Indonesia**

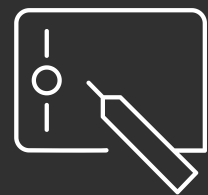
Bachelor Degree in Information Systems ,  
Faculty of Informatics Engineering Education  
Honors: Current GPA 3.73/4.0



**2018 – 2021**

**SMK Terpadu Ad-Dimyati**

Majoring in Computer and Network Engineering  
Honors: Average Report Card Score : 95.00 / 100.00



# SKILLS

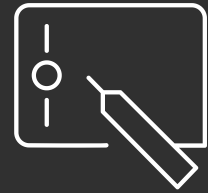
## TECHNICAL SKILLS :



## SOFT SKILLS :

- Public Speaking
- Problem Solving
- Intention to Detail
- Time Management
- Communication
- Team Work





# PROJECT 1

## MID PROJECT - SQL DATA ANALYTICS

### DATA ANALYTICS USING POSTGRESQL

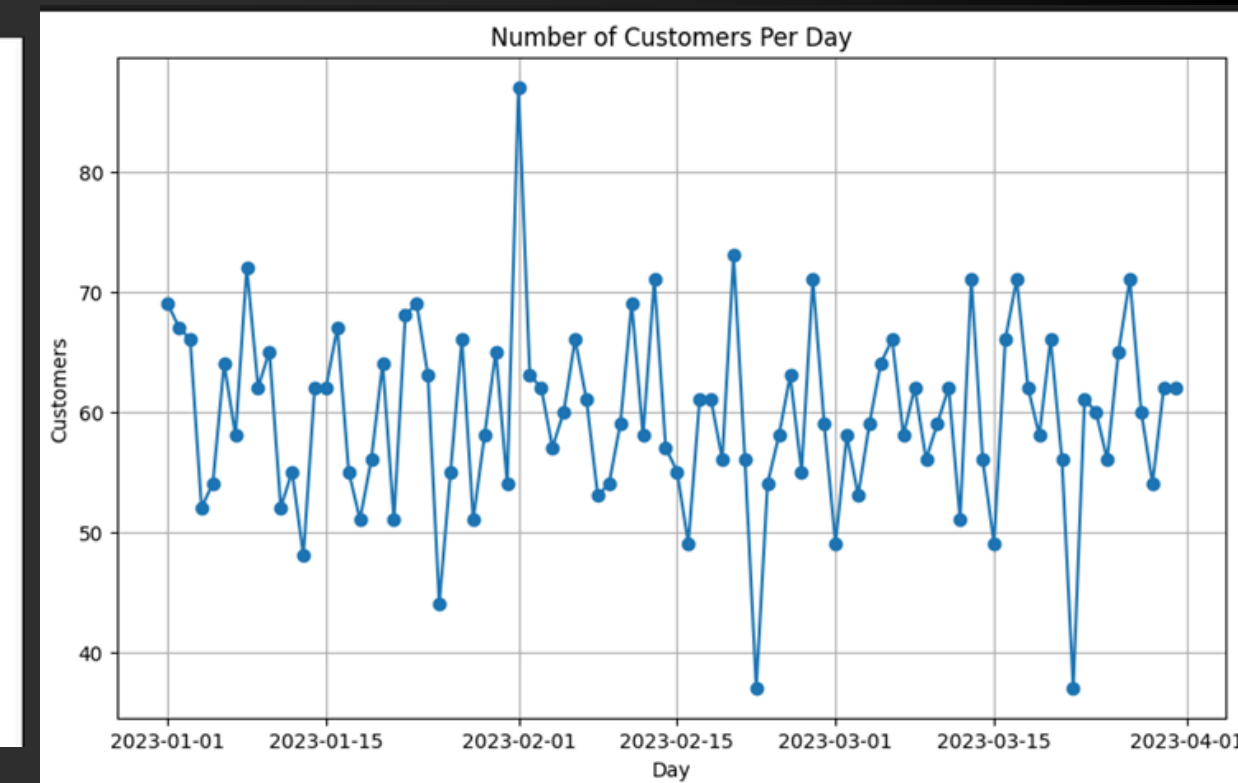
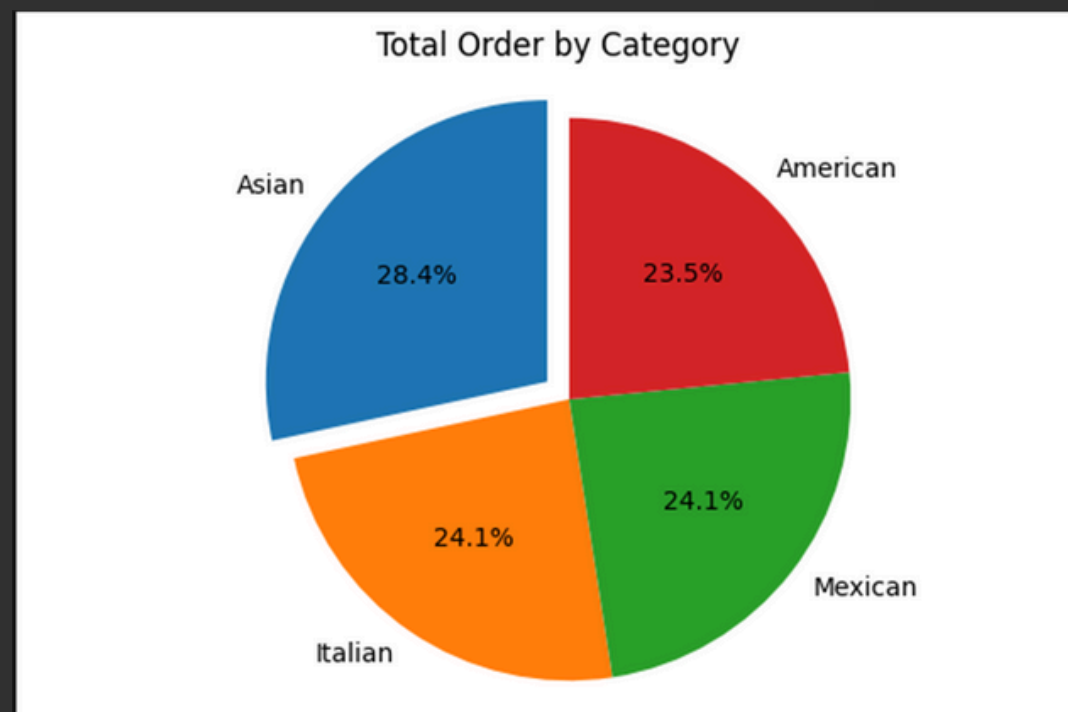
```
111 --Recommended Analysis
112 -- 1. What were the least and most ordered items? What categories were they in?
113 -- Barang apa yang paling sedikit dan paling banyak dipesan? Di kategori apa mereka berada?
114
115 WITH CountsItem AS (
116     SELECT
117         item_id,
118         item_name,
119         category,
120         COUNT(*) AS order_count,
121         RANK() OVER (ORDER BY COUNT(*) ASC) AS min_rank,
122         RANK() OVER (ORDER BY COUNT(*) DESC) AS max_rank
123     FROM combined_table
124     GROUP BY item_id, item_name, category
125 )
126 SELECT
127     item_id,
128     item_name,
129     category,
130     order_count
131 FROM CountsItem
132 WHERE min_rank = 1 OR max_rank = 1;
133
```

### TOOLS :

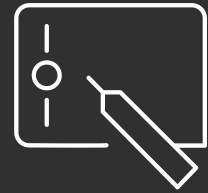


This project was created for Mid Project in Study Independent MSIB from Cakap to analyse data from the Maven Analytics dataset using Postgresql and Python in order to gain the necessary insights.

### DATA VISUALITATION USING PYHTON (MATPLOTLIB, AND SEABORN)



[LINK PROJECT](#)



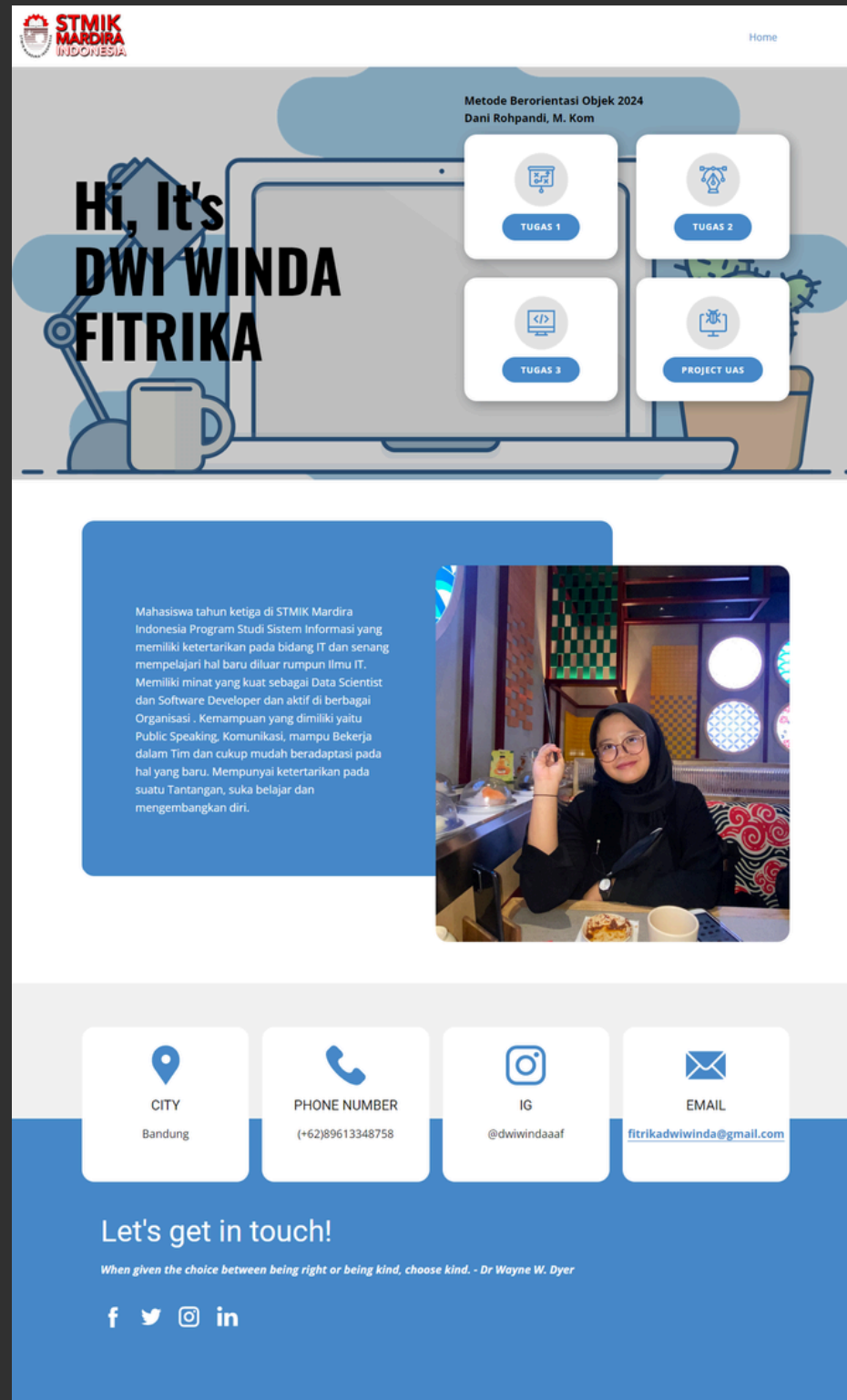
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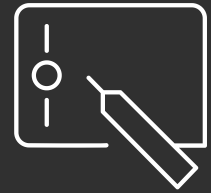
# PROJECT 2

## INFORMATION SYSTEM WEBSITE

This project is to create an information system website that contains assignments and exams for the Object Oriented Methods course using HTML and CSS tools.

TOOLS :





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# PROJECT 3

## JAVA APPLICATION - SPORT REGISTRATION

This sport registration project is made to create programming applications with java language for java programming courses using netbeans and Mysql tools.

TOOLS :



Username

Password

LOGIN

Belum Punya akun? [Buat akun disini](#)

Data Pendaftaran

Logout

Tambah Ubah Hapus

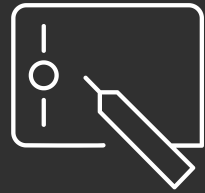
Simpan Batal

Setujui

No	Nama Team	Kapten	Cabang Olahraga	No.Telepon	Domisili	Metode Pembayaran
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# PROJECT 4



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CAPSTONE PROJECT : DATA SCIENTIST PREDICTION PRODUCTIVITY

## Data Understanding :

```
df_garment.shape
(1197, 15)

df_garment.info()
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1197 entries, 0 to 1196
Data columns (total 15 columns):
```

```
null = [(c, df_garment[c].isna().mean()*100) for c in df_garment]
null = pd.DataFrame(null, columns = ['column_name', 'percentage'])
print(null)
```

column_name	percentage
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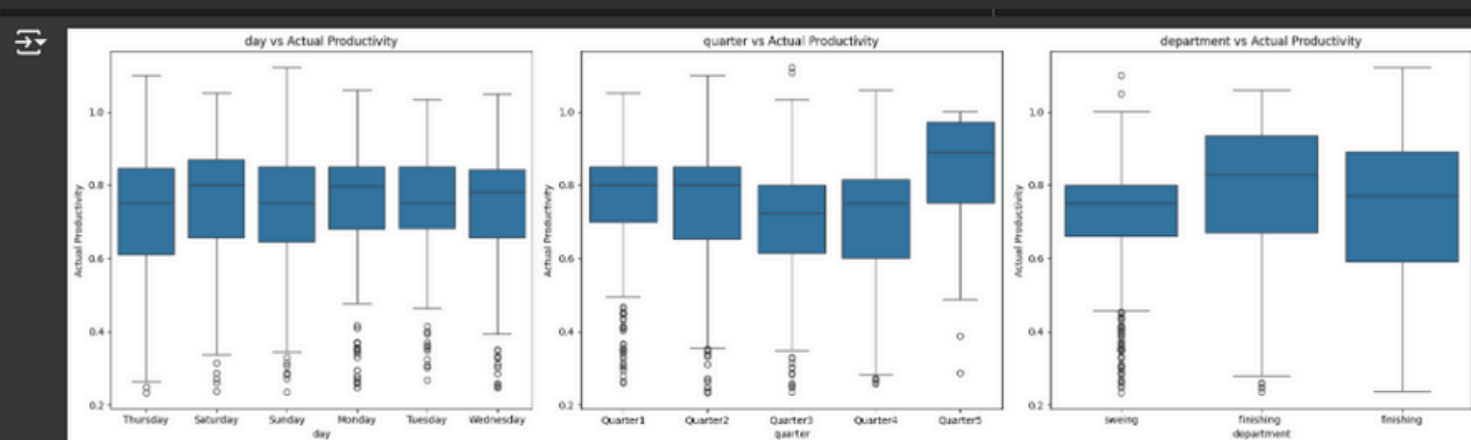
This Capstone Project Study Independent Data Scientist from Cakap goals is to predict the productivity of a company with steps that have been carried out with CRISPDM methods such as Data Preparation, Data Understanding, Data Cleaning, EDA, Data Preprocessing. The plan to complete this project is modelling with machine learning and evaluation.

## Data Cleaning :

```
## Mengimputasi missing values dengan median. Median dipilih karena lebih tahan terhadap outliers dibandingkan mean.
df_garment.work_in_progress.median()
1039.0

## Mengisi nilai na dengan median dan memeriksa kembali nilai null
df_garment['work_in_progress'].fillna(df_garment['work_in_progress'].median(),inplace=True)
df_garment.isnull().sum()
```

## EDA :



TOOLS :



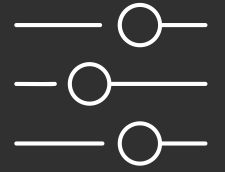
[LINK CAPSTONE PROJECT](#)

[LINK PRESENTATION  
CAPSTONE PROJECT](#)



# TRAINING COURSE & CERTIFICATION

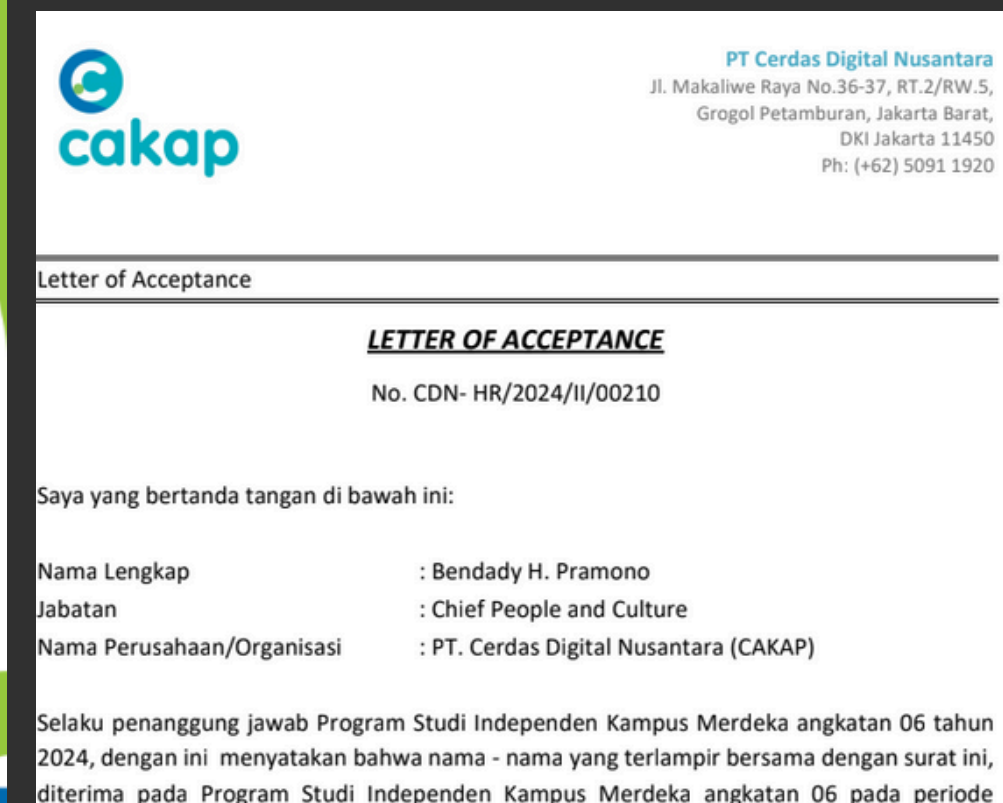
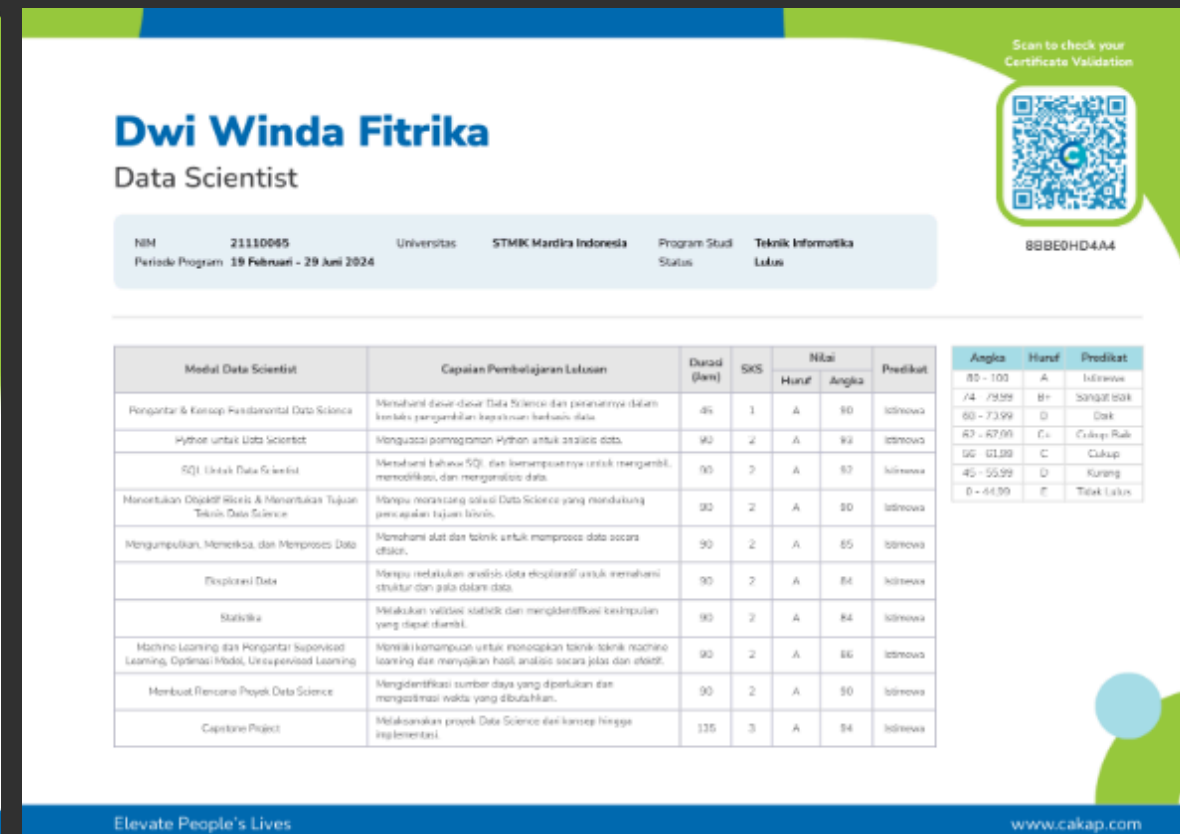
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## Study Independent MSIB Batch 6 – Cepat Cakap Feb 2024 – Present



Completed online courses in data science, covering statistical analysis, machine learning, and data analytics using PostgreSQL and Python. Demonstrated proficiency in fundamental concepts and practical tools, actively participated in data science class, and engaged in hands-on projects and coding challenges. Completed a machine learning course.



# Course MLTI by PT. Baraja Eka Perkasa Jan 2023 – Mar 2023

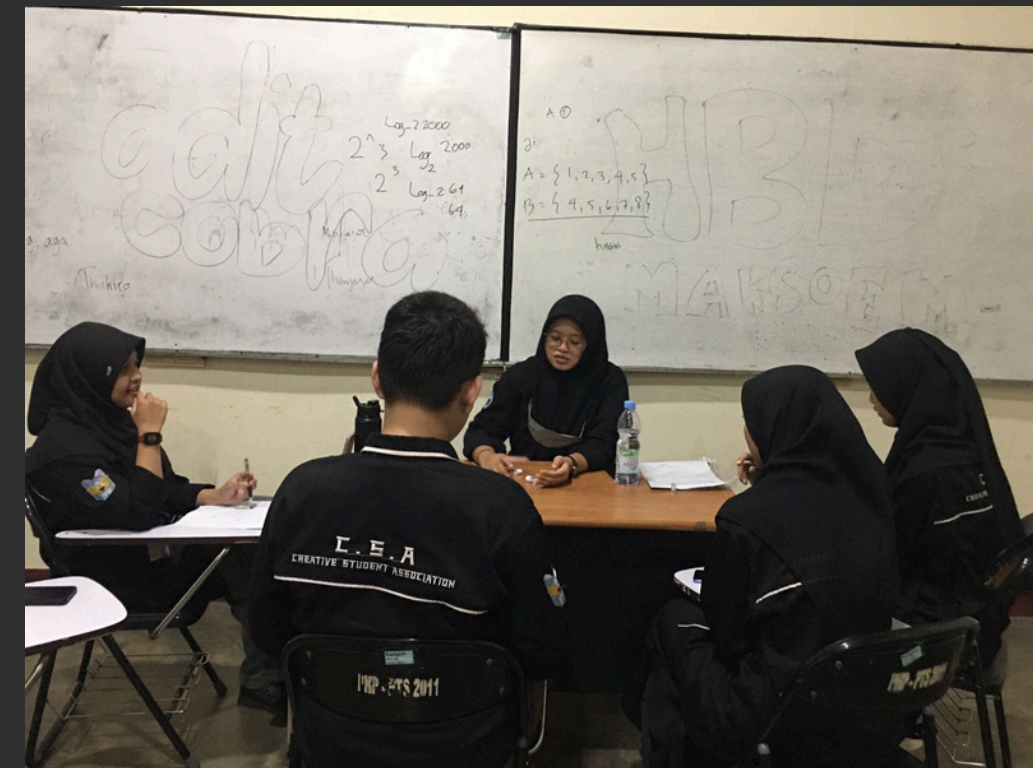
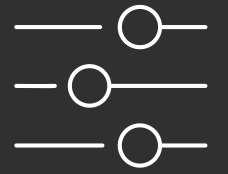
Achieved ITIL certification, gaining expertise in managing IT services and aligning them with business objectives.





# ORGANIZATIONAL EXPERIENCE

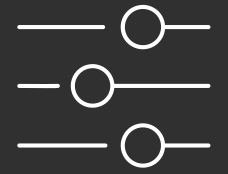
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# CERTIFICATION

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# CONTACT ME



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**THANK YOU**

