



Portfolio

— Bina Nusantara Online University Student —
| Data Analyst and Scientist Interest |

Est. 2005

 **khalifumardev@gmail.com**

About Me

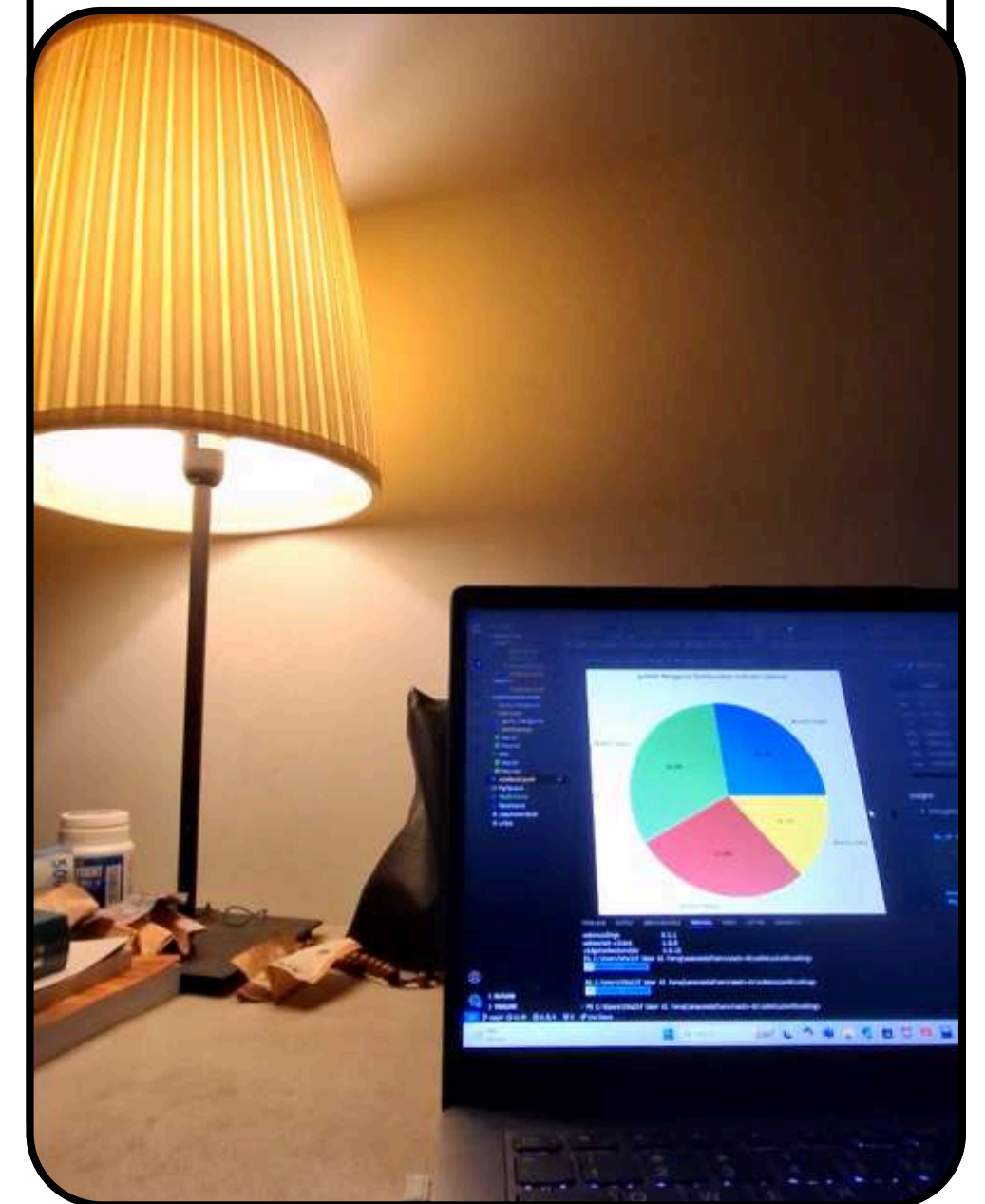


Presentation by
Khalif Umar Al Faruq



Hello! I'm a Computer Science student at Bina Nusantara University Online with a passion for data analysis. I love exploring data, finding patterns, and discovering valuable insights. To sharpen my skills, I often practice using datasets from BPS (Badan Pusat Statistik) or other open data platforms. I'm always excited to learn new tools and techniques that can help me grow in the field of data analytics.

2025



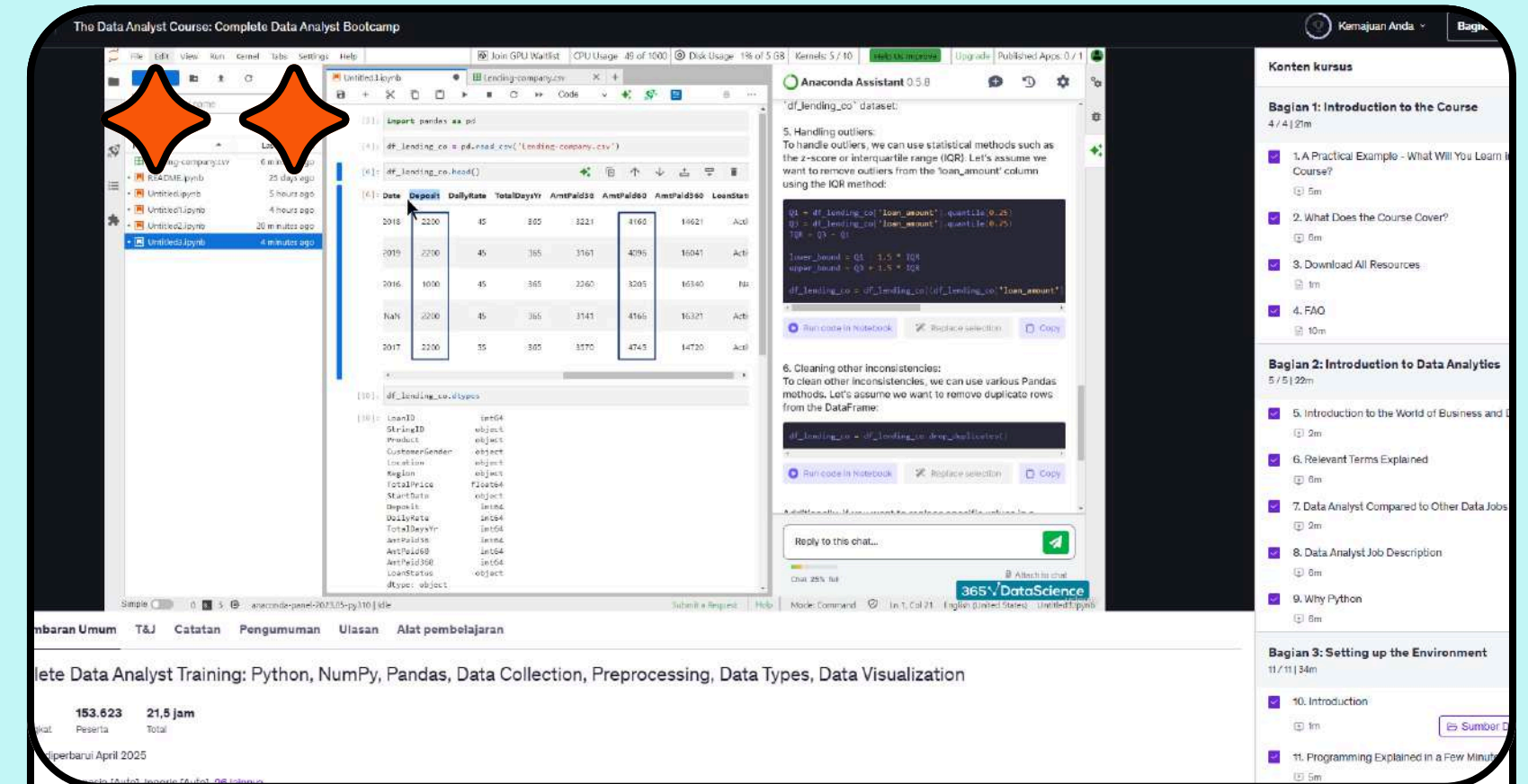
Education*



Bina Nusantara University Online

Computer Science Departement

During my university studies, I gained knowledge in Computer Science and developed soft skills through organizational activities. I actively participated as a member of the Publication and Documentation Division in the Computer Science student association, focusing on design, event documentation, and media management.



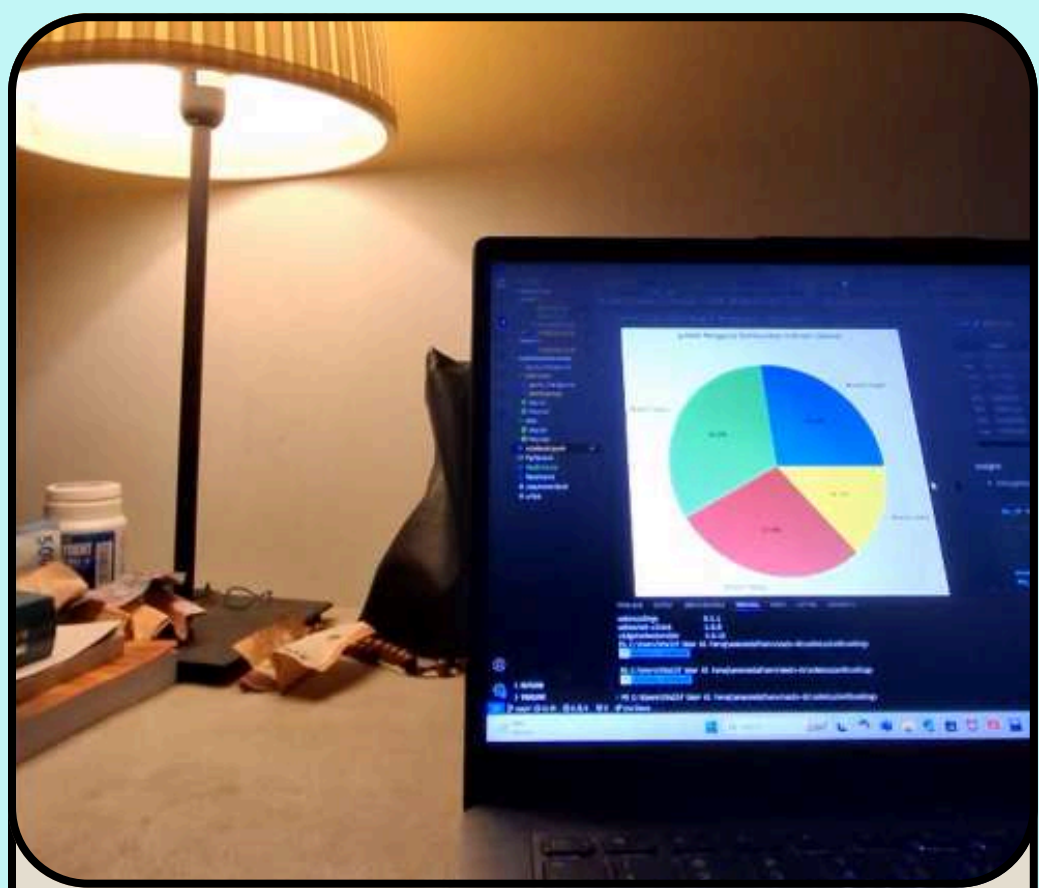
Udemy Bootcamp

Data Analyst

I completed a Data Analyst Bootcamp on Udemy, where I enhanced my skills in data processing, analysis, and visualization using Python and SQL. This program strengthened my ability to extract insights from data to support data-driven decision making.

Personal Skills *

 khalifumardev@gmail.com



Hello Everyone!

Vido Dokumentasi

Analnsis Persentase Penduduk Tahun 2018 - 2021

Data Set Penduduk :

Pilih

Perkotaan

Gender :

☒ Laki-Laki

☐ Perempuan

Jumlah Terkecil

70.0

Rata-Rata

84.95

Jumlah Terbesar

91.35

Data Persentase Jumlah Penduduk

2018 2019 2020 2021

Provinsi	2018
0 Aceh	
1 Sumatera Utara	
2 Sumatera Barat	
3 Ri a u	
4 J a m b i	
5 Sumatera Selatan	
6 Bengkulu	

Grafik

Pencari Kerja Jumlah Lowongan Jumlah Pe

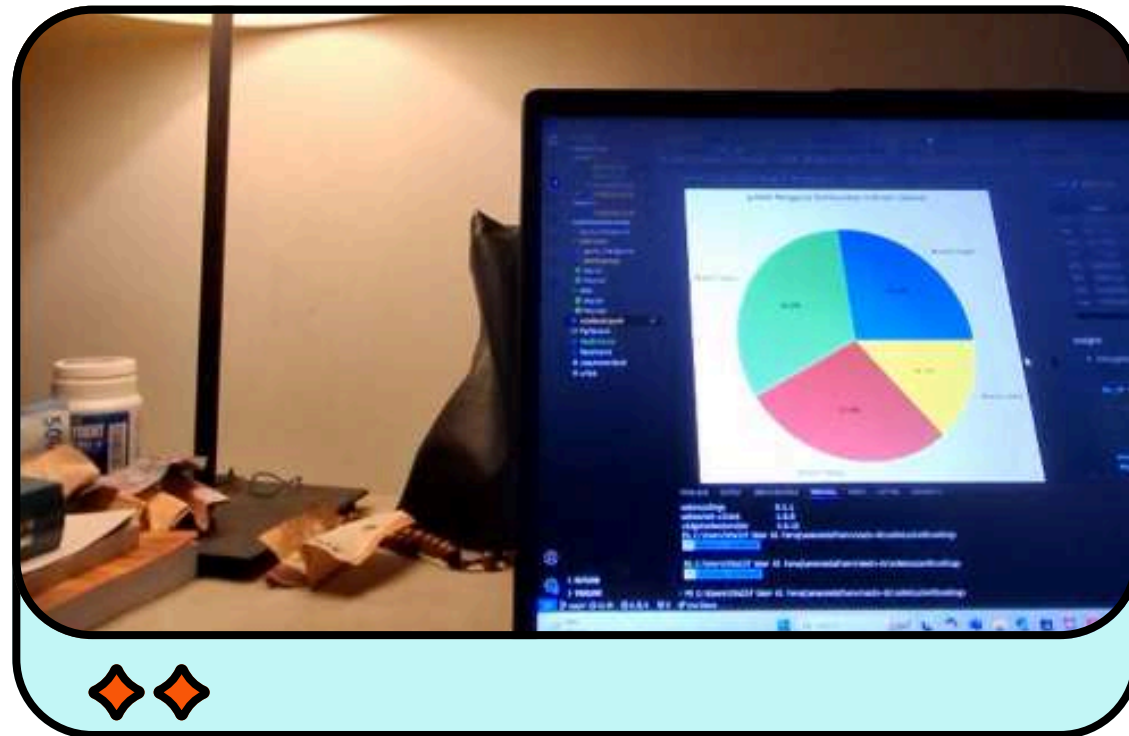
Perbandingan Penurunan Pencari Kerja Disertai



Kesimpulan

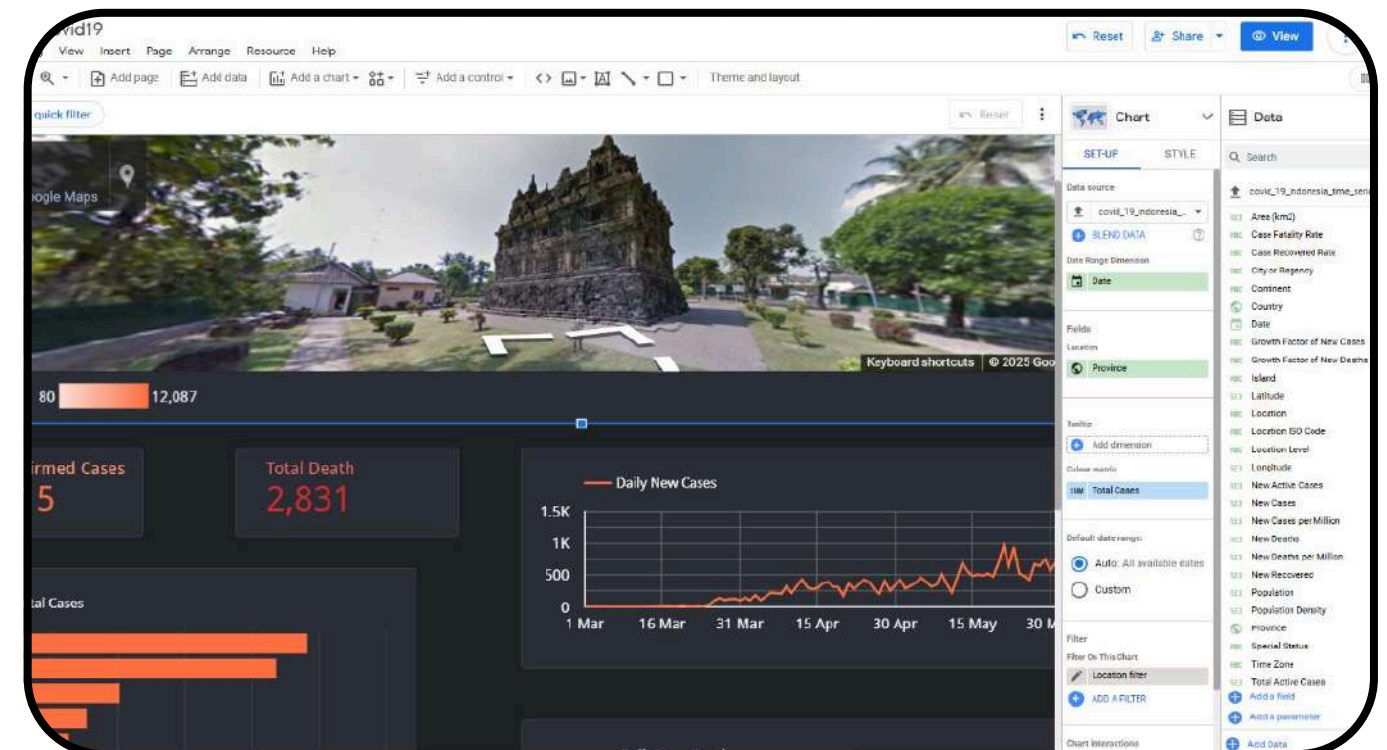
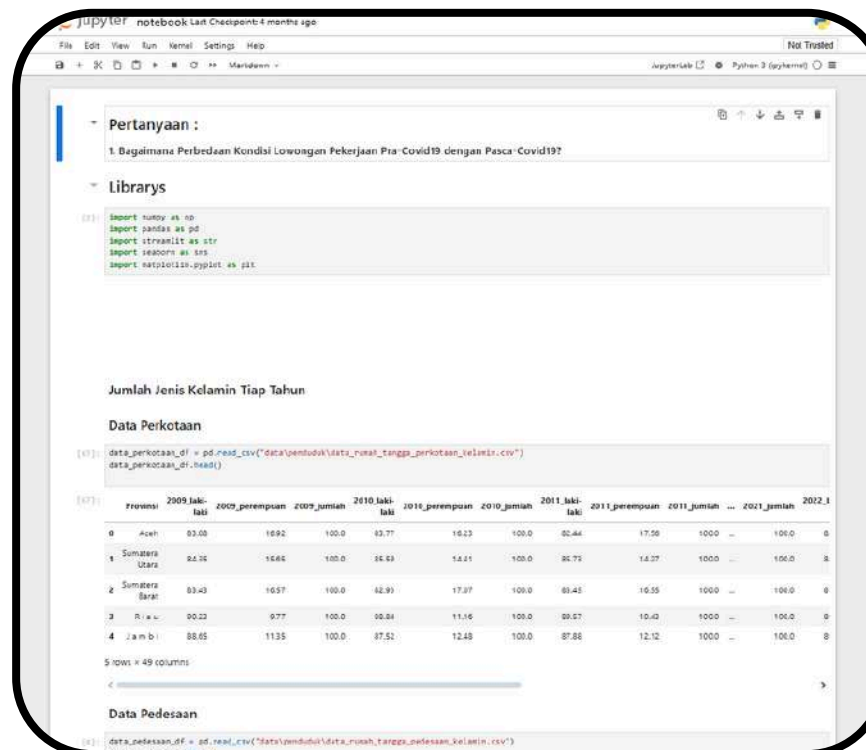
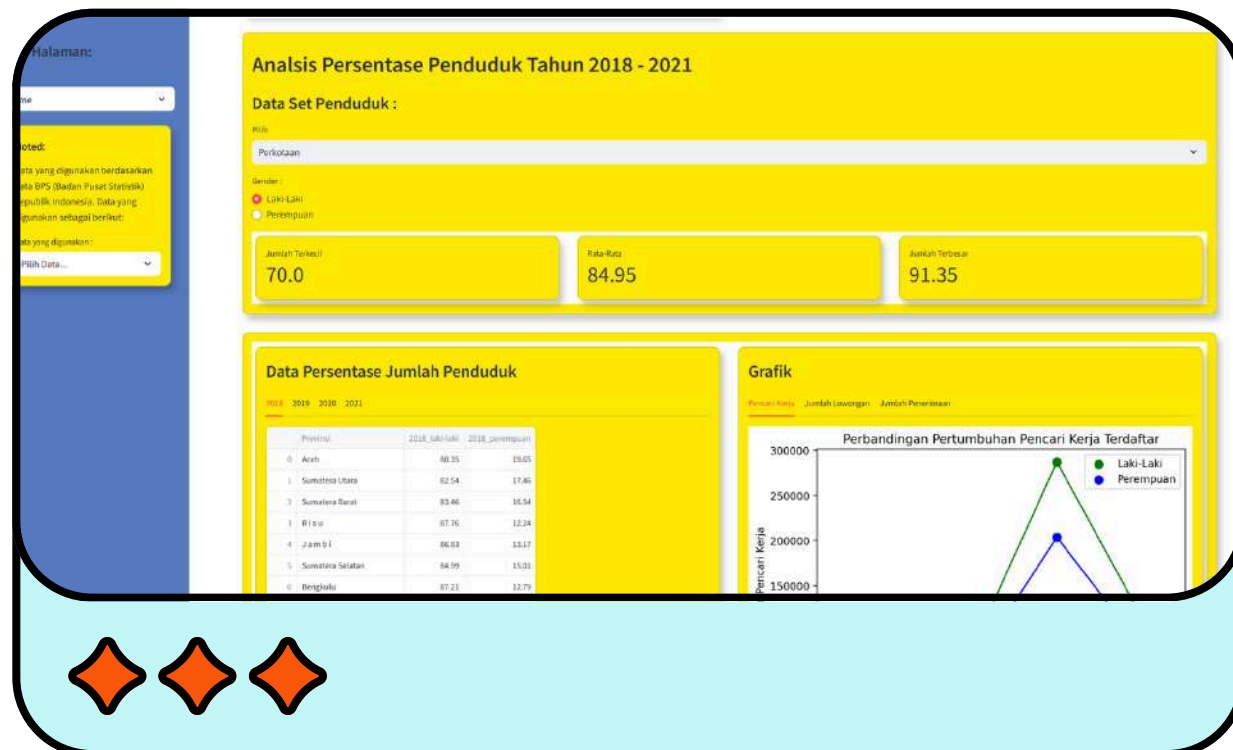
Analisa

Personal Skills 1 *



Data Analys *

I have developed strong skills in data analysis, including data cleaning, processing, and interpreting large datasets to uncover meaningful insights. I am proficient in using analytical tools such as Python, SQL, and data visualization platforms to support decision-making processes. My approach emphasizes understanding data trends, identifying key patterns, and communicating findings clearly to stakeholders.



Personal Skills 2 *



Leader and Team Work *

I have extensive experience in teamwork and leadership through my involvement in youth organizations such as Karang Taruna and religious communities. In these roles, I frequently led the planning and execution of social and community-based events, working collaboratively with diverse groups of people.

Organizing and managing multiple activities not only sharpened my leadership abilities but also reinforced my communication, delegation, and conflict resolution skills. These experiences taught me the importance of collaboration, empathy, and aligning different perspectives toward a common goal.



Personal Skills 3*



Problem Solving

I have developed strong problem-solving skills through my active participation on HackerRank, an international platform that offers challenges focused on logical thinking and programming.

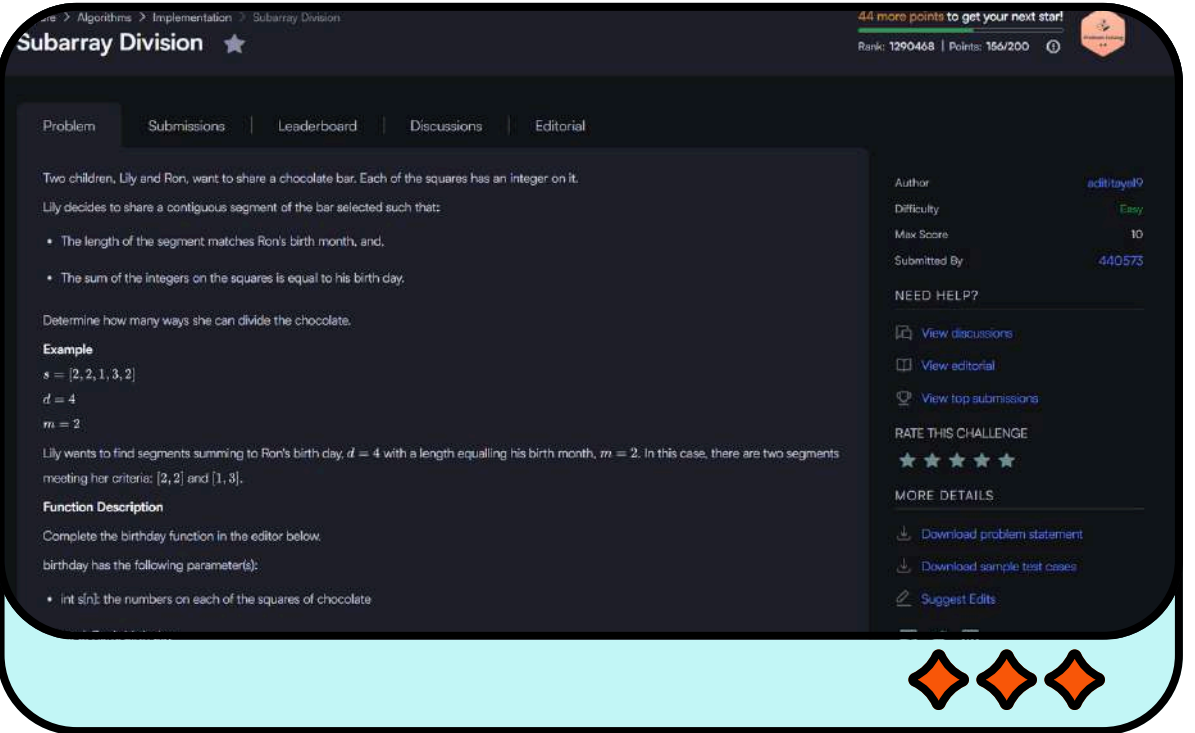
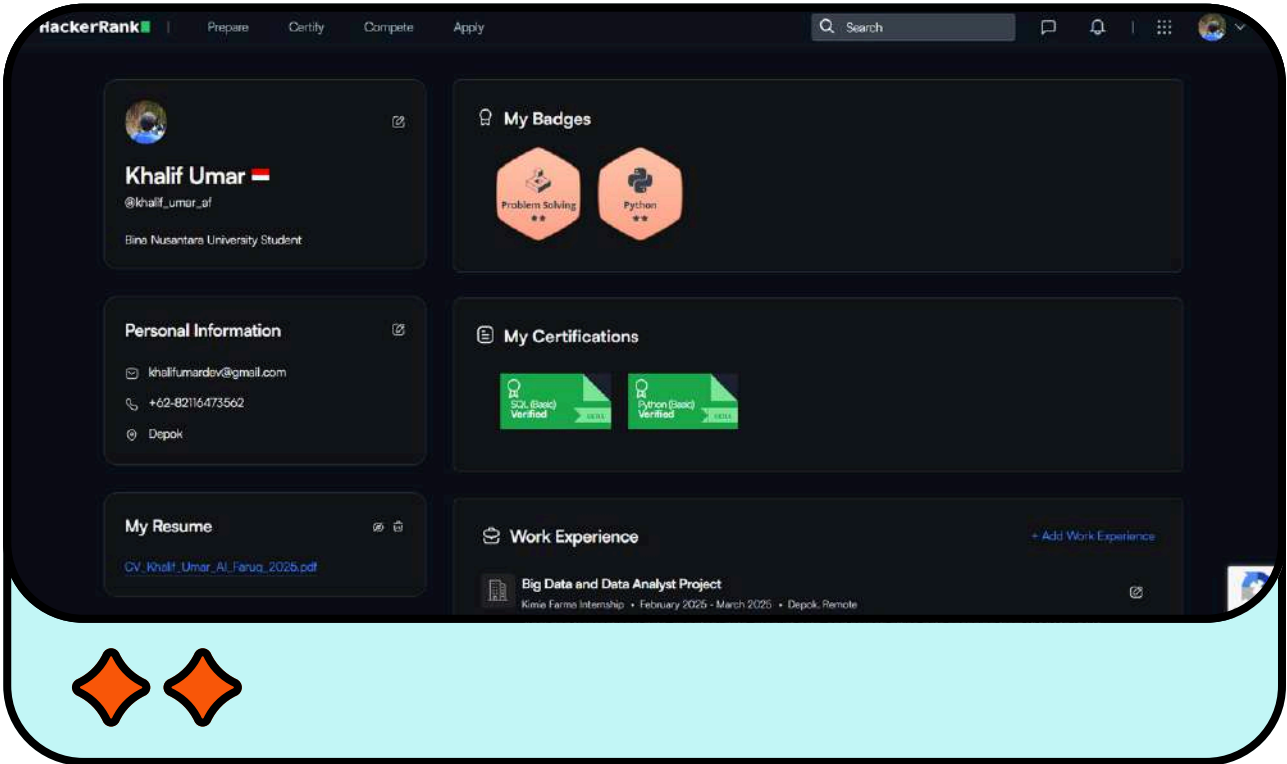
By solving various algorithmic and logical problems, I strengthened my ability to approach challenges systematically, design efficient solutions, and adapt to different problem scenarios. This experience has significantly enhanced my critical thinking and analytical skills, which are crucial for both technical and business problem-solving.



Your Hacko Transactions


Total Hackos: 306

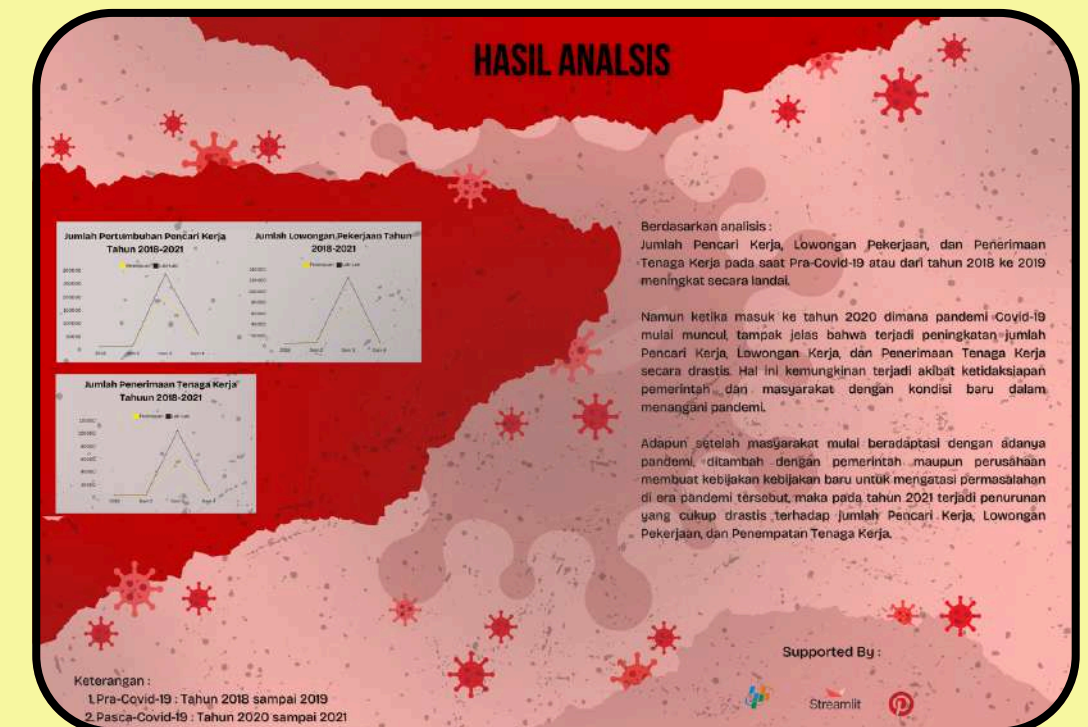
Sl No.	Action	Hackos Earned
1	Logged In 2 Days In A Row	2
2	Logged In 1 Days In A Row	1
3	Logged In 2 Days In A Row	2
4	Logged In 1 Days In A Row	1
5	Logged In 10 Days In A Row	10
6	Solved Subarray Division	5
7	Bought A Testcase	-5
8	Solved Calendar Module	5
9	Solved Print Function	5



Project Experience



and 
HYPE
 more



Project Experience 1 *

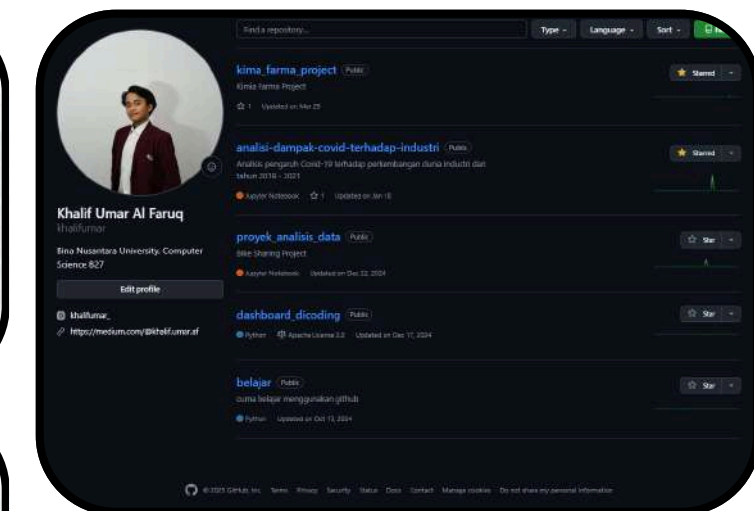
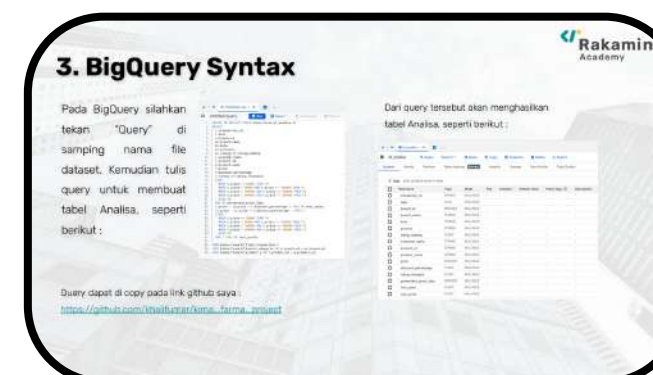


Kimia Farma Performance Analysis (2020–2023)

As part of an internship program at Kimia Farma, I conducted a comprehensive analysis of operational performance from March 3 to March 31, 2025. This project involved working with large-scale data, including transactions, inventory, product records, and branch office activities. Through this experience, I enhanced my skills in data analysis, big data management, and data processing and scheduling.



My analysis addressed key questions such as: What is happening? Why is it happening? What will happen? What actions should be taken? Based on these insights, I provided actionable recommendations to improve operations. I achieved an above-average evaluation score for my contributions and gained valuable experience in handling real-world business data and complex analytics.



Project Experience 2*



Indonesian Independence Day Celebration Leadership

I served as the General Leader for the Indonesian Independence Day Celebration project, held from June to August 2024. In this role, I led the coordination and execution of the event, developing skills in time management, team leadership, effective communication, and strategic planning.

This experience strengthened my ability to manage diverse teams, conduct productive meetings, maintain the institution's reputation, and expand my professional network through collaborative activities.



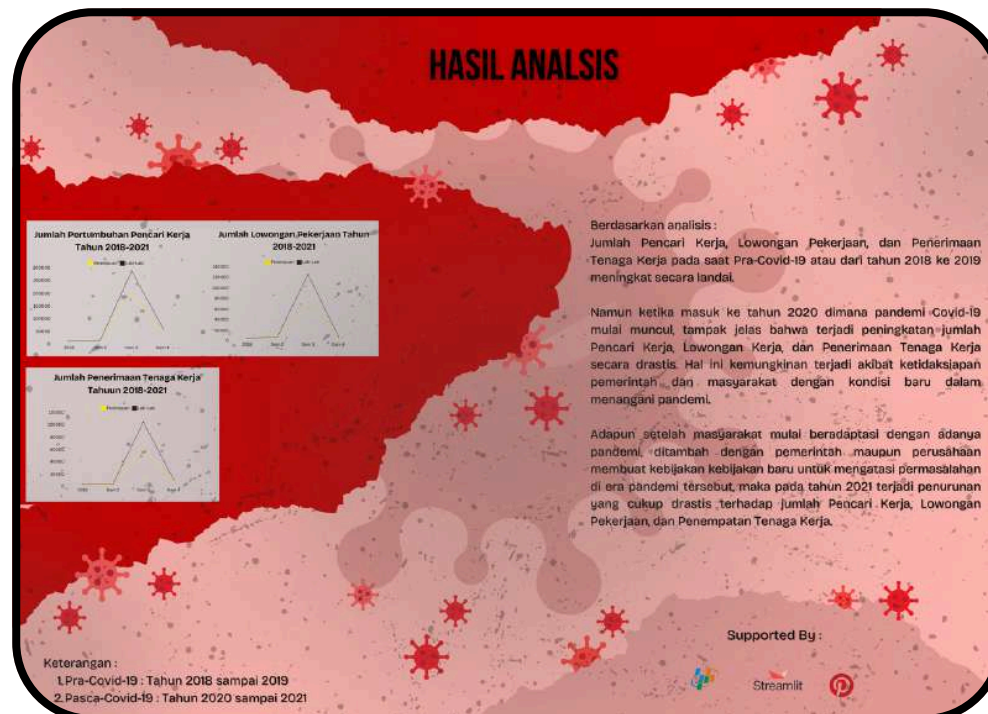
Project Experience 3*



COVID-19 Impact Analysis on Industrial Employment

This independent project stemmed from my curiosity about how the COVID-19 pandemic affected employment trends in the industrial sector. Using datasets from the Indonesian Bureau of Statistics (Badan Pusat Statistik) from 2018 to 2023, I analyzed indicators such as population demographics, job seekers, job vacancies, labor demand, and employment status.

Through this project, I developed a deeper understanding of pre- and post-pandemic labor market dynamics and strengthened my skills in data sourcing, statistical analysis, and insight generation. This experience allowed me to independently manage a data-driven research project from start to finish.



Certification



 khalifumardev@gmail.com





SERTIFIKAT KOMPETENSI KELULUSAN



1RX125281XVM

Diberikan kepada

Khalif Umar Al Faruq

Atas kelulusannya pada kelas

Belajar Analisis Data dengan Python

23 Desember 2024



Narenda Wicaksono
Chief Executive Officer
Dicoding Indonesia

Verifikasi Sertifikat



dicoding.com/certificates/1RX125281XVM
Berlaku hingga 23 Desember 2027



SERTIFIKAT KOMPETENSI KELULUSAN



2VX34M543ZYQ

Diberikan kepada

Khalif Umar Al Faruq

Atas kelulusannya pada kelas

Belajar Dasar Structured Query Language (SQL)

22 November 2024



Narenda Wicaksono
Chief Executive Officer
Dicoding Indonesia

Verifikasi Sertifikat



dicoding.com/certificates/2VX34M543ZYQ
Berlaku hingga 22 November 2027

MySkill

Certificate of Course Completion

E-Learning - MySkill Topic: Data Science

Course Title:


DATA VISUALIZATION

Date: April 5, 2025


Learning & Self-Practice Duration: 1 hour


This certificate is awarded to:


KHALIF UMAR AL FARUQ



Angga Fauzan
CEO MySkill







MySkill

Certificate of Course Completion

E-Learning - MySkill Topic: Data Science

Course Title:

STATISTICS INTRODUCTION

Date: April 3, 2025

Learning & Self-Practice Duration: 1 hour


This certificate is awarded to:

KHALIF UMAR AL FARUQ



Angga Fauzan
CEO MySkill









Project-Based Internship

Certificate of Competency






has been presented to


Khalif Umar Al Faruq

For successfully completing the Kimia Farma Big Data Analytics Project Based Internship Program at Kimia Farma as a **Qualified** student. This program was held from *March 3rd, 2025, to March 31st, 2025*. Some of the skills learned include **Data Analysis, Big Data, and Big Data Processing and Scheduling**

CEO Rakamin

Head of Talent Management,
Kimia Farma





Andika Deni Prasetya

Anggie Retno Raharja

Credential: 337230IAPKGIK3032025



Certificate of Accomplishment

Python (Basic)

PRESENTED TO

Khalif Umar Al Faruq

The bearer of this certificate has passed the HackerRank skill certification test

Earned on: **11 Apr, 2025**

ID: 2FFE2C63F361



Harishankaran K
CTO, HackerRank



Certificate of Accomplishment

Python (Basic)

PRESENTED TO

Khalif Umar Al Faruq

The bearer of this certificate has passed the HackerRank skill certification test

Earned on: **11 Apr, 2025**

ID: 2FFE2C63F361



Harishankaran K
CTO, HackerRank

Certification



Project-Based Internship - Kimia Farma (31 April 2025)

Topics Covered :

- Data Analysis Techniques
- Business Intelligence Fundamentals
- Big Data Concepts and Processing
- Data Cleaning and Data Preprocessing
- Data Scheduling and Workflow Management
- Exploratory Data Analysis (EDA)
- Database Management and Querying
- SQL for Data Extraction and Reporting
- Dashboard Creation and Data Visualization
- Analytical Reporting for Business Operations



Project-Based Internship

Certificate of Competency



has been presented to

Khalif Umar Al Faruq

For successfully completing the **Kimia Farma Big Data Analytics Project Based Internship Program** at **Kimia Farma** as a **Qualified** student. This program was held from *March 3rd, 2025, to March 31st, 2025*. Some of the skills learned include **Data Analysis, Big Data, and Big Data Processing and Scheduling**

CEO Rakamin

Andika Deni Prasetya

Head of Talent Management,
Kimia Farma

Angie Retno Raharja

Credential: 337230IAPKGIK3032025

Certification



Data Analyst Bootcamp - Dicoding (26 November 2024)

Topics Covered:

- Data Analysis with Python
- Programming with Python
- Fundamentals of Structure Query Language (SQL)
- Introduction to Data Science
- Basics of Machine Learning
- Utilizing Jupyter Notebook
- Analytical Thinking with Data



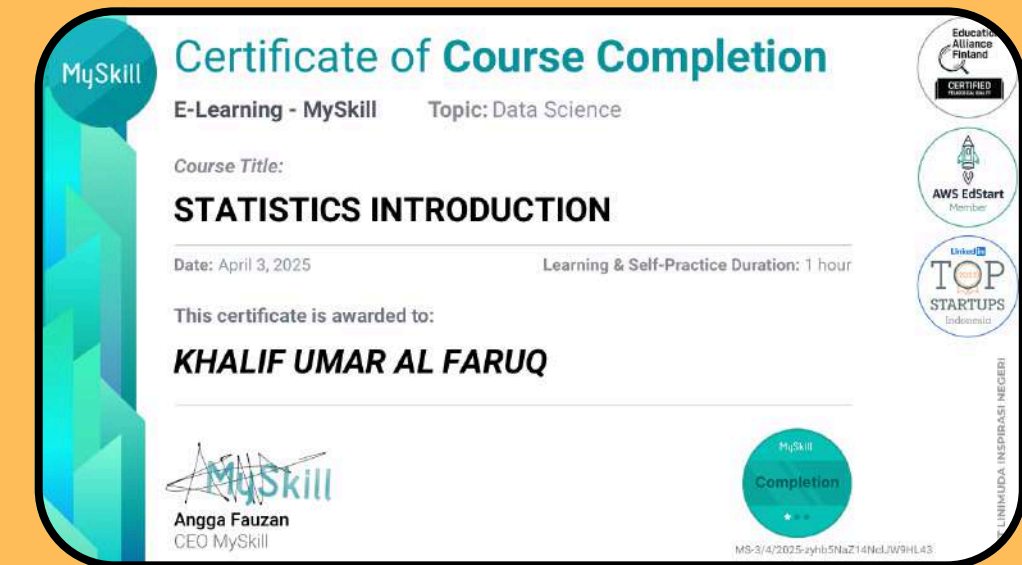
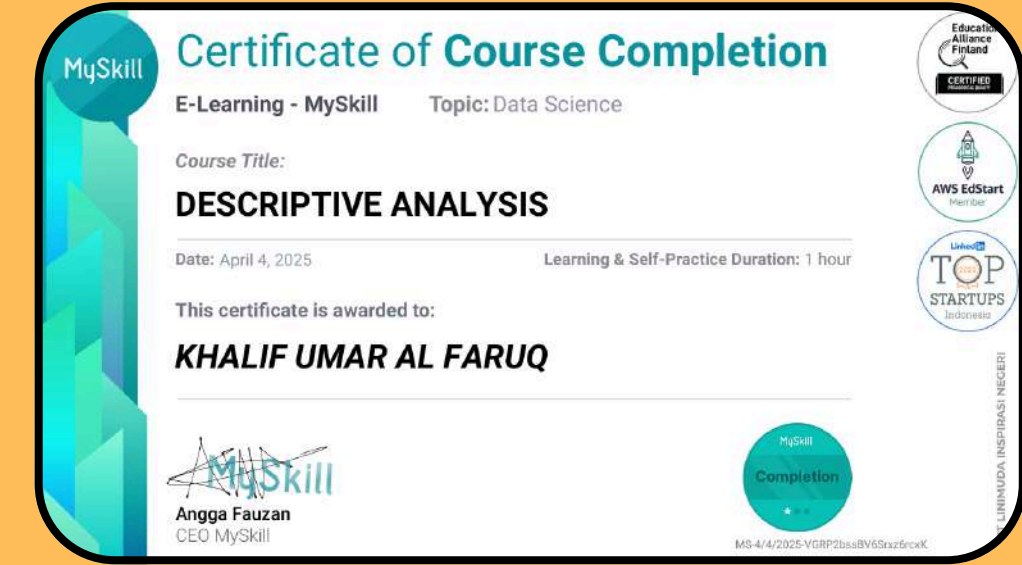
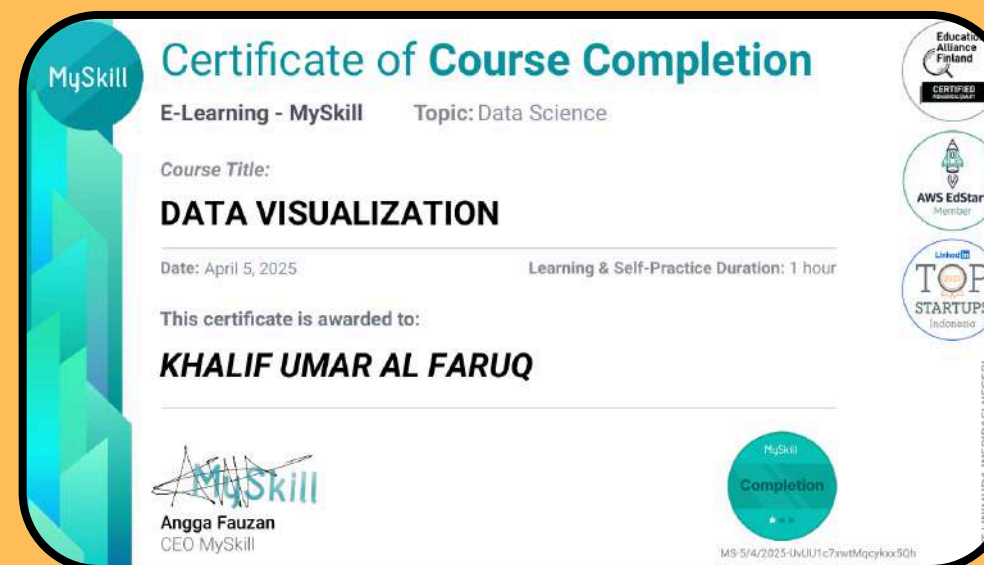
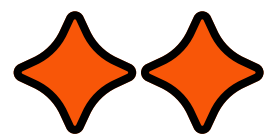
Certification



Data Analyst – MySkill (3 April 2025)

Topics Covered :

- Principles of Effective Data Visualization
- Types of Data Visualization
- Choosing the Right Visualization for Data
- Communicating Insights Through Visuals
- Measures of Central Tendency
- Measures of Variability
- Conditional Probability and Independence
- Probability Distributions
- Data Collection Methods
- Basics of Inferential Statistics



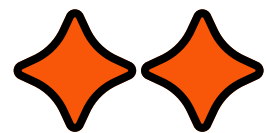
Certification *



Python and SQL - Hackerrank (11 April 2025)

Topics Covered :

- Basic Database Concepts
- Logical Operators
- Aggregate Functions
- Basic Subqueries
- Data Retrieval and Query Optimization



Certificate of Accomplishment

SQL (Basic)

PRESENTED TO

Khalif Umar Al Faruq

The bearer of this certificate has passed the HackerRank skill certification test

Earned on: 17 Mar, 2025

ID: EAF5FF2A9B

Harishankaran K

Harishankaran K

CTO, HackerRank

and

Python

more

and

SQL

more

Certificate of Accomplishment

Python (Basic)

PRESENTED TO

Khalif Umar Al Faruq

The bearer of this certificate has passed the HackerRank skill certification test

Earned on: 11 Apr, 2025

ID: 2FFE2C5F361

Harishankaran K

Harishankaran K

CTO, HackerRank

Let's Work Together ✨

Curriculum Vitae



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khalifumardev@gmail.com

Khalif Umar Al Faruq