

PORTFOLIO

About me

Hi, my name is Salsabila Shafa Audina, usually called Salsa. I am currently studying at BINUS University majoring in information systems. I am the type of person who is very curious and likes to learn something new to get different experiences.

I am interested in learning and working in the field of data processing, how high-risk and complex data can produce information and predict the possibilities that will occur through visualization results so as to reduce the risk of bias and make it easier for the target audience to understand the information to be conveyed. I am ready to learn and try to develop my abilities through the opportunities that exist and give my best effort. I believe being a data enthusiast will be a useful and high-value investment for the future.



Education

Education Background

Binus University - Binus Online Learning

Major: Information Systems
2023-Present

Vocational School of IPB University

Major: Informatics Manajement
Grade: 3.68
2018-2022

SMAN 6 Kota Bekasi

Major: Science
2015-2018



Operate Excel / Google Spreadsheet



Operate SQL



Python



BigQuery



Google Data Studio



Google Colab

Personal Skills



Observer



Critical Thinking



Persistent in Learning



Time Management

Experiences

01. Training Program and Certifications


Kominfo FGA Academy Digital Talent Scholarship Data Science at Binar Academy

20 September-17 October 2022

- Understand Database and its relation to SQL
- Analyze data using BigQuery tools
- Create a dashboard using Google Data Studio
- Understand data modeling & Machine Learning
- Create data modeling

*Output: Created using Google Data Studio to find out the spread of Covid 19 in Indonesia

Hard Skills (70 %)	
Standard Competency 1: Memahami Basic Database, SQL, Visualisasi Data & Fundamental Python <i>Student able to understand about Database, SQL, Data Storytelling & Visualization, and Introduction to Python for Machine Learning</i>	92
Standard Competency 2: Memahami Data Modeling, Proses Pembuatan Machine Learning dan Penggunaan Statistik dalam Machine Learning <i>Student able to implement statistic and create one of machine learning model (classification) based on case study using public data</i>	80
Standard Competency 3: Memahami cara penyelesaian studi kasus dari jenis modelling dan mempresentasikan hasil challenge kepada stakeholders <i>Student able to finish a case study and present deliverable as a Data Scientist such as Visualization Dashboard and Machine Learning Algorithm</i>	60
AVERAGE TOTAL	77.3



FRESH GRADUATE ACADEMY DIGITAL TALENT SCHOLARSHIP 2022
Pelatihan Data Science Sejumlah 174 Jam Pelatihan

- Modul 1** Storytelling with Data & Data Visualization
- Modul 2** B.I Basic Tools
- Modul 3** Basic Database
- Modul 4** SQL Part II
- Modul 5** Statistic I
- Modul 6** Statistic II
- Modul 7** Python Fundamental
- Modul 8** Working data with Python
- Modul 9** Introduction to Machine Learning
- Modul 10** Data Pre-Processing
- Modul 11** Regression Analysis
- Modul 12** Classification Analysis

Output



Description

Tujuan

Menginformasikan dan memaparkan data kasus Covid-19 terbaru serta rasio pemulihan dalam bentuk visual berupa *geo chart*, *bar chart*, dan tabel.

Penjelasan

- Penggunaan variasi *scorecard* untuk menampilkan dan merepresentasi jumlah data kasus Covid-19 yang terkonfirmasi, angka kesembuhan, angka kematian, dan kasus aktif.
- Penerapan *geo chart* merepresentasi peta persebaran kasus COVID-19 di Indonesia berdasarkan provinsi-nya dengan kombinasi *max color value* (biru muda) dan *min color value* (biru muda) menandakan jumlah kasus baru dari tertinggi hingga terendah.
- Penerapan *bar chart* yang menampilkan 5 provinsi di Indonesia dengan jumlah kasus terkonfirmasi Covid-19 paling banyak.
- Menampilkan tabel yang berisi kolom provinsi, kasus terkonfirmasi, kasus kematian, dan rasio tingkat kesembuhan dengan menerapkan *conditional formatting color scale* seperti penerapan warna pada *geo chart*.

CHALLENGE COURSE PROJECT TRAINING

Created using Google Data Studio to find out the spread of Covid 19 in Indonesia
October 2022

Experiences

Kominfo FGA Academy Digital Talent Scholarship Data Science for Beginner at DQLab

30 May-29 June 2022

- Learned R Fundamental for Data Science with DQLab as a participant
- Fundamental SQL using Select Statement, Function, Group By, Inner Join, and Union
- Statistics using R for Data Science
- Data Visualization in Data Science using R
- Data Analysis of Covid 19 in Indonesia



Experiences

Data Science at Ekskul

5 December-2 January 2021

- Learned about Data Science and its responsibilities in the world of work as a participant
- Using tools that Data Science uses such as Excel, SQL, Python, and Jupiter Notebook
- Understand the fundamental of Data Analysis and its use
- Understand the fundamental of Data Design and Visualization

Course content

- Introduction to Data Analytics
- Fundamental Sheet/Ms. Excel
- Database and SQL
- Statistical Analysis in Python
- Data Cleansing with Phyton



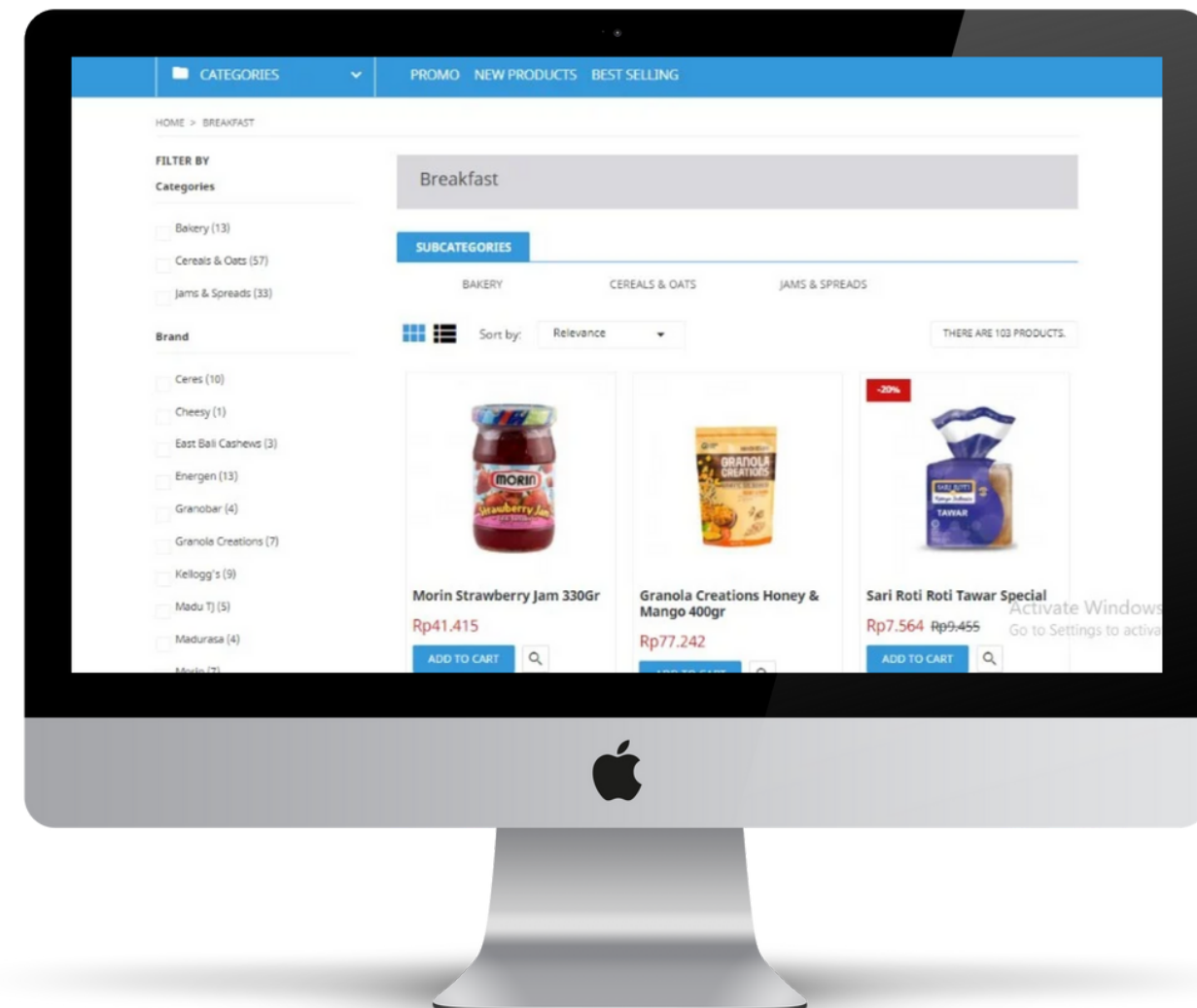
Experiences

02. Work Experience

Internship at PT Cycent Inovasi Kaizen - Web Developer

February-April 2021

Development of the E-commerce Application for the Cycent Store



E-COMMERCE CYCENT STORE

Created using CMS Prestashop

April 2021

Contact Information

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