

Hello!

I am Fadhil

Welcome to my personal portfolio

About Me

I am a sixth semester student majoring in informatics who has passion in the data field and has several projects and tasks related to data processing. I have ability to work and communicate well in a team and am always eager to learn new things, especially in this data field.



Education & Courses



Universitas Al-Azhar Indonesia

Bachelor of Informatics (2020 – Present)

GPA : 3.76 / 4.00 (For 6 Semesters)



Digitalent Talent Scouting Academy

Associate Data Scientist (Sep 2022 – Oct 2022)

Complete all programs and all exercises during training and make a final project about predicting the volume of traffic vehicles with regression techniques and random forest algorithms.

Education & Courses



Coursera | IBM Data Science

Data Science (Feb 2023 – Present)

Complete all programs and all exercises during the course starting from tools, methodology, python, SQL, machine learning and many more.

Skills & Abilities

Tools



Python



SQL



Tableau



Google Colab



Excel

Library



Pandas



Scikit-Learn



Plotly Express

Skills & Abilities

Hard Skill

Database

- Data Retrieval
- Join Tables

Data Analytics

- Data Cleansing
- Data Analysis
- Data Storytelling
- Data Visualization
- Exploratory Data Analysis

Soft Skill

Project Management

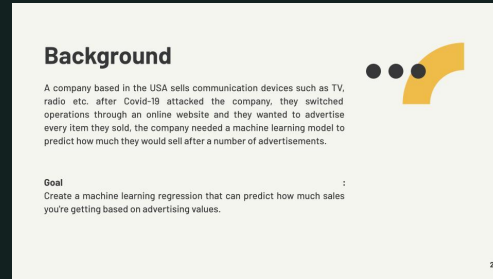
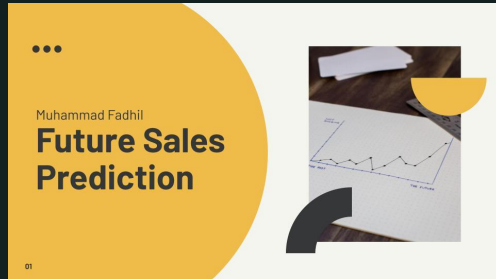
- Teamwork
- Communication

Problem Solving

- Decision Making
- Critical Thinking

Project (1)

Future Sales Prediction (Python)

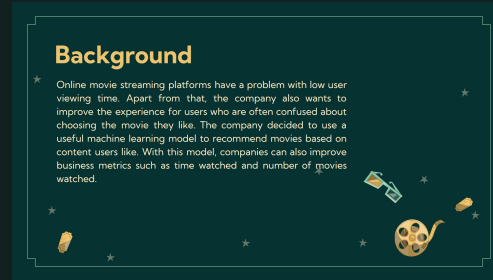
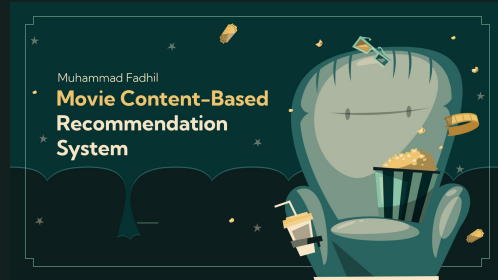


Create a machine learning regression model to predict sales based on advertising value on several media platforms using several algorithms.

[Presentation Link](#)

Project (2)

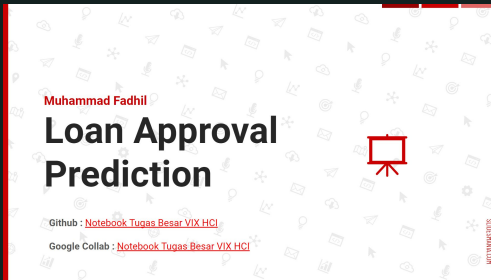
Movie Content-Based Recommendation System (Python)



Create a machine learning model that can predict which movies will suit users based on the movies they previously selected.

Project (3)

Loan Approval Prediction (Python)

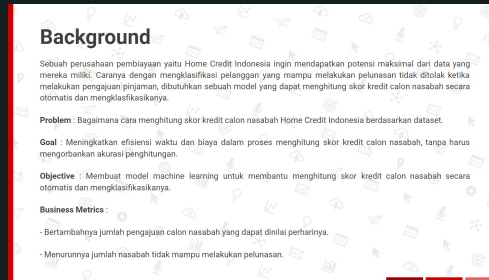


Muhammad Fadhil

Loan Approval Prediction

GitHub : [Notebook Tugas Besar VIX HCI](#)

Google Collab : [Notebook Tugas Besar VIX HCI](#)



Background

Sebuah perusahaan pembiayaan yaitu Home Credit Indonesia ingin mendapatkan potensi maksimal dari data yang mereka miliki. Caranya dengan mengklasifikasi pelanggan yang mampu melakukan pelunasan tidak ditolak ketika melakukan pengajuan pinjaman, dibutuhkan sebuah model yang dapat menghitung skor kredit calon nasabah secara otomatis dan mengklasifikasinya.

Problem : Bagaimana cara menghitung skor kredit calon nasabah Home Credit Indonesia berdasarkan dataset.

Goal : Meningkatkan efisiensi waktu dan biaya dalam proses menghitung skor kredit calon nasabah, tanpa harus mengorbankan akurasi penghitungan.

Objective : Membuat model machine learning untuk membantu menghitung skor kredit calon nasabah secara otomatis dan mengklasifikasinya.

Business Metrics :

- Bertambahnya jumlah pengajuan calon nasabah yang dapat dinilai perharinya.
- Menurunnya jumlah nasabah tidak mampu melakukan pelunasan.

Create a machine learning model to help calculate prospective customers' credit scores automatically and classify them.

[Presentation Link](#)

Project (4)

Intelligent Transport System (Python)



Create a machine learning model to calculate the level of congestion on a road using a regression technique.

[Presentation Link](#)

Thank You

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