

Portfolio

VINCENT KARUNIA

Information Systems Student | Data & Tech Enthusiast





Get To Know Me

I'm an Information Systems student specializing in Data Analytics and Business Intelligence. My primary focus is transforming complex data into actionable insights using SQL and BI tools. I also leverage my technical background in Web Development (Laravel) and Python to build comprehensive data-driven solutions.




Let's Connect!

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 vinckarunia@gmail.com

 Vincent Karunia

 vinckarunia

EXPERIENCE

Church Member Database Management Website Development Team Member | GKI Raya Hankam 2025-present

Developing a CRM-based website for monitoring and managing congregation member data at GKI Raya Hankam.

Publication and Documentation Team Member | UKRIDA E-sports Student Creativity Unit 2024-2025

Create and design creative visual designs in the form of Instagram feeds, stories, and reels for events in accordance with the organization's work program.

EDUCATION

Krida Wacana Christian University | Faculty of Intelligent Technology | Information System Program 2023-present

GPA: 3.89/4.00 (5th Semester)





Tools

What I've explored so far...

DATA VISUALIZATION & ANALYSIS



Tableau



Power BI



Metabase



MS Excel

DATABASE & WEB DEVELOPMENT



MySQL



PostgreSQL



Laravel



PHP



HTML + CSS + JS



Python

WORKFLOW



Git & GitHub

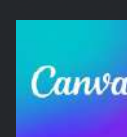


Notion

OTHER TOOLS



Figma



Canva



Capcut

and many more...

Projects

What I've done so far...



- **Web Development**

- **Data Dashboard**

- **Data Engineering**

✿ GKI Raya Hankam Membership Database

A comprehensive CRM system built with PHP (ChurchCRM Based) to manage 3000+ congregation data.

✿ Key Features

- Centralized Data Management.
- Real-time Demographic Statistics.
- Secure Role-Based Access Control.
- QR-Based Event Check-in.

✿ Tools Used

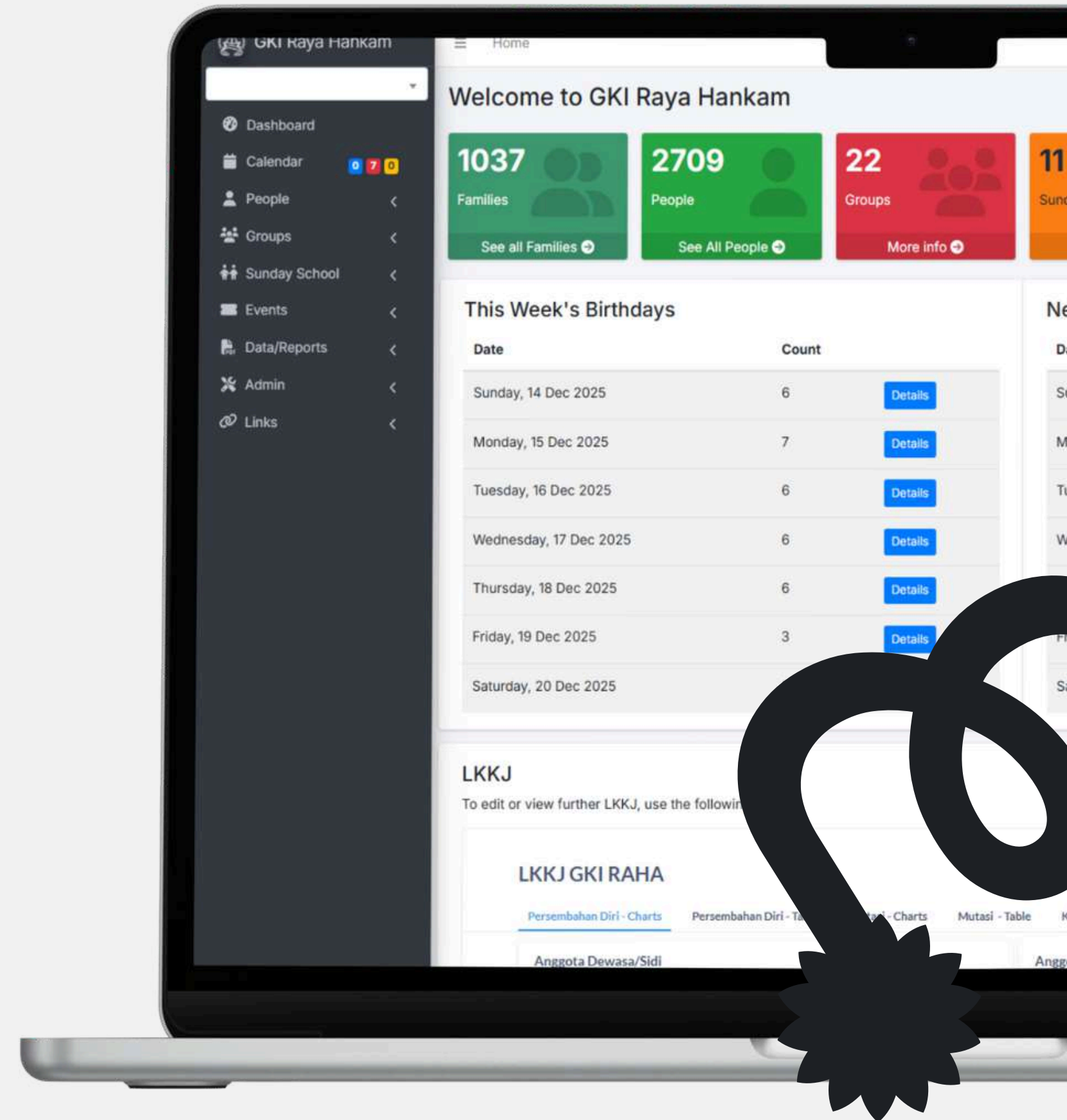


MySQL

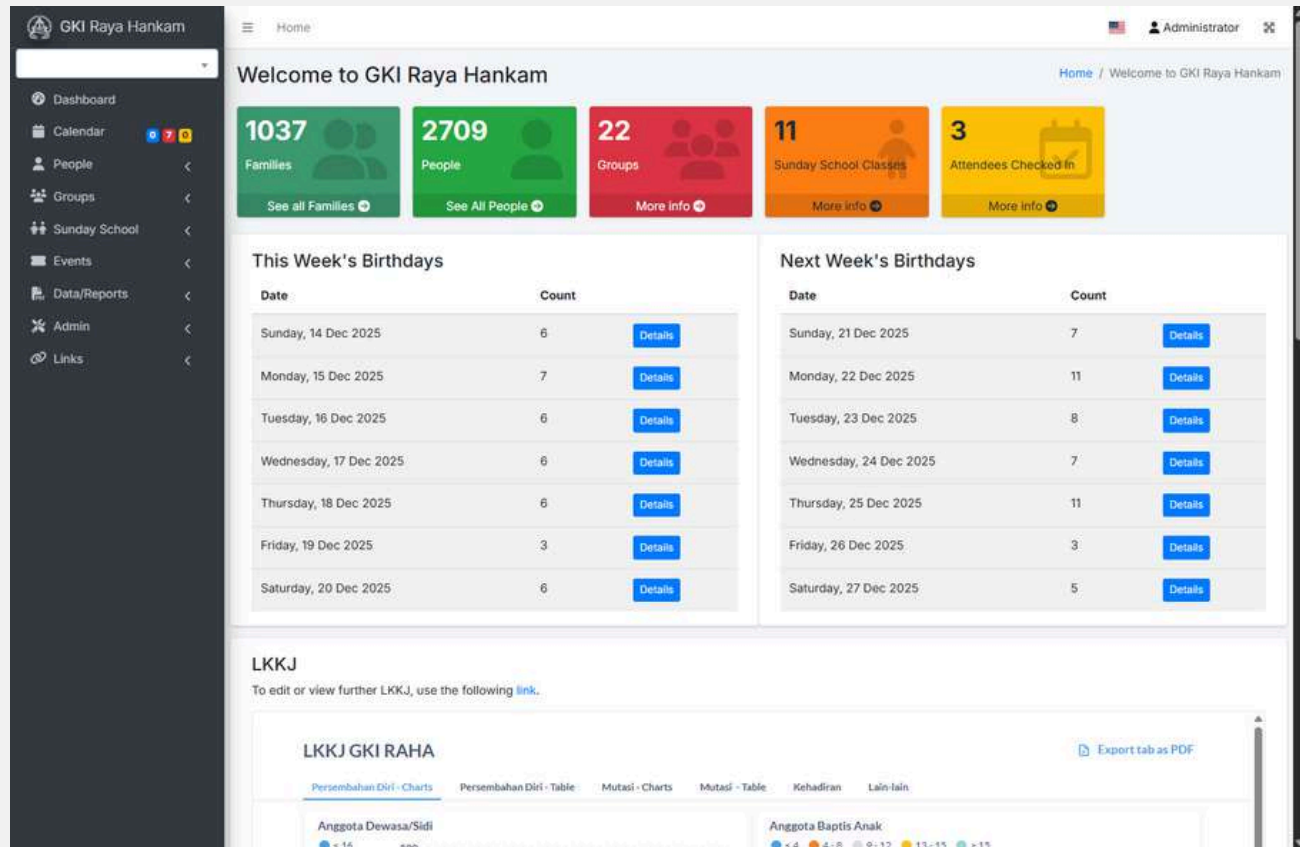


PHP

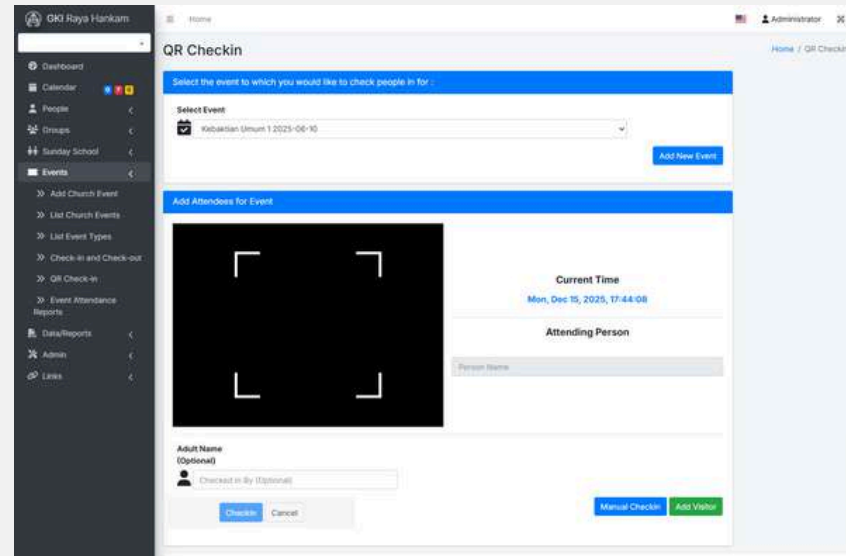
Web Development



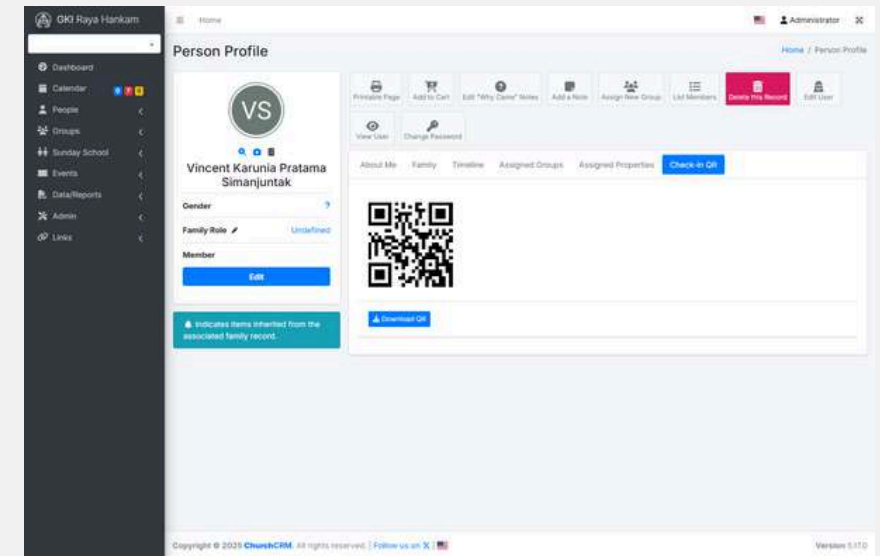
🌸 The Snapshots



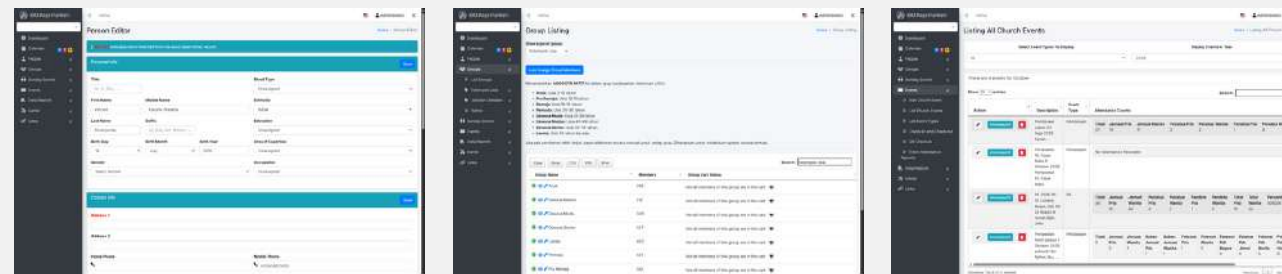
Main Dashboard



QR-Based Check-in



Person Management



and many more...

🌸 More Details [The Site](#) [The Code](#)

Web Development



Data Dashboard

Congregation data visualization dashboard with Metabase integrated with CRM database.

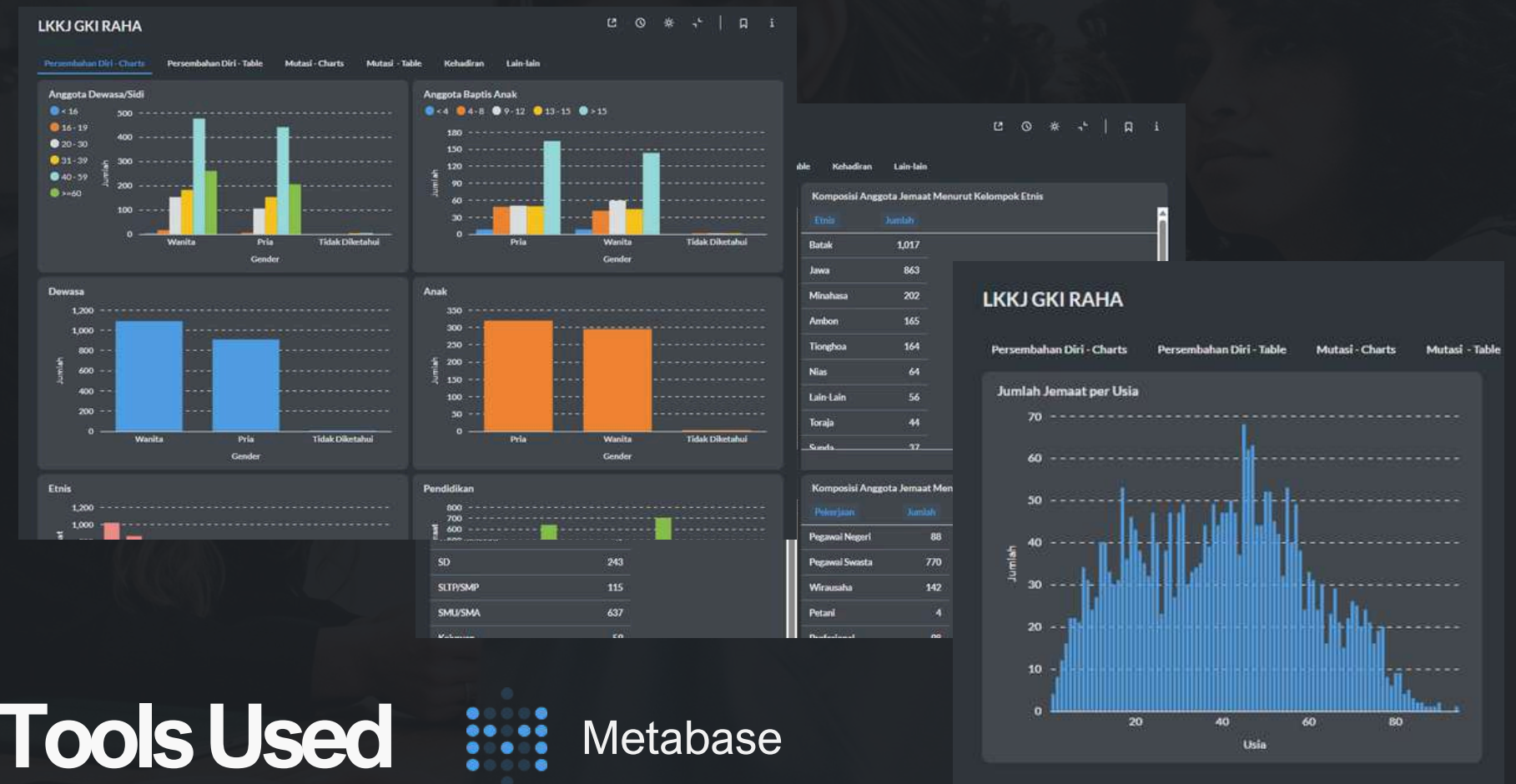
🌟 The Problem

Church stakeholders struggled with manual Excel reports to track growing number of members

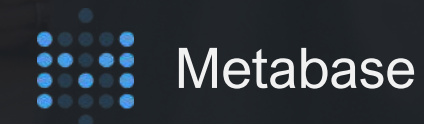
🌟 The Solution

Integrated Metabase with the live database to visualize trends instantly

🌟 Some Snapshots



🌟 Tools Used





🌟 Data Scraping

Scraping review data from Google Play Store

```
1 from google_play_scraper import reviews, Sort
2
3 package_name = "id.dana"
4
5 all_reviews, _ = reviews(
6     package_name,
7     lang='id',
8     country='id',
9     sort=Sort.NEWEST,
10    count=10000
11 )
12
13 path_file = './reviews.txt'
14
15 with open(path_file, 'w', encoding='utf-8') as f:
16     for r in all_reviews:
17         line = f"{r['score']} ★ - {r['content']}\n"
18         f.write(line)
19
20 print(f"Berhasil mengambil {len(all_reviews)} review.")
```

Tools Used:  Python

🌟 Data Cleaning

Superstore sales dataset cleaning

```
1 import pandas as pd
2 import re
3 from datetime import datetime
4
5 df = pd.read_csv("dataset_kotor.csv")
6
7 def clean_pendapatan(val):
8     if pd.isna(val):
9         return None
10    val = str(val).lower().strip()
11    val = val.replace("rp", "").replace("idr", "").replace("jt", "000000")
12    val = re.sub(r"^\d+", "", val)
13    return int(val) if val.isdigit() else None
14
15 def clean_tanggal(val):
16     if pd.isna(val):
17         return None
18     for fmt in ("%m/%d/%Y", "%m/%d/%y", "%d-%b-%y", "%d.%m.%Y", "%d/%m/%Y", "%Y-%m-%d"):
19         try:
20             return datetime.strptime(val, fmt).strftime("%d-%m-%Y")
21         except:
22             continue
23     try:
24         return pd.to_datetime(val, errors="coerce").strftime("%d-%m-%Y")
25     except:
26         return None
27
28 text_to_num = {
29     "seratus lima puluh": 150,
30     "tiga ratus": 300
31 }
32
33 def clean_jumlah(val):
34     if pd.isna(val):
35         return None
36    val = str(val).lower().replace(",", "").strip()
37    if val in text_to_num:
38        return text_to_num[val]
39    if val.isdigit():
40        return int(val)
41    return pd.to_numeric(val, errors="coerce")
42
43 def format_rupiah(val):
44     return f"Rp {val:,.0f}".replace(".", ",") if pd.notna(val) else None
45
46 df["Pendapatan"] = df["Pendapatan"].apply(clean_pendapatan)
47 df["Tanggal_Tr"] = df["Tanggal_Tr"].apply(clean_tanggal)
48 df["Kategori"] = df["Kategori"].str.title().str.strip()
49 df["Jumlah_Penjualan"] = df["Jumlah_Penjualan"].apply(clean_jumlah)
50
51 df = df.dropna(subset=["Pendapatan", "Tanggal_Tr", "Kategori", "Jumlah_Penjualan"])
52
53 df["Jumlah_Penjualan"] = df["Jumlah_Penjualan"].astype(int)
54
55 df["Pendapatan"] = df["Pendapatan"].apply(format_rupiah)
56
57 df["Tanggal_sort"] = pd.to_datetime(df["Tanggal_Tr"], format="%d-%m-%Y", errors="coerce")
58 df = df.sort_values(by="Tanggal_sort", ascending=True).drop(columns=["Tanggal_sort"])
59
60 df.to_csv("dataset_bersih.csv", index=False)
61
62 print("Data bersih disimpan sebagai dataset_bersih.csv")
63 print(df.to_string())
```

Data Engineering

Data Engineering

Transfer Learning

✿ **More Details**

[Dataset](#) [The Code](#)

✿ **MRI Brain Tumor Classification**

Medical image analysis using Python & VGG16 (CNN) on Google Colab to detect tumors from MRI scans with high accuracy.

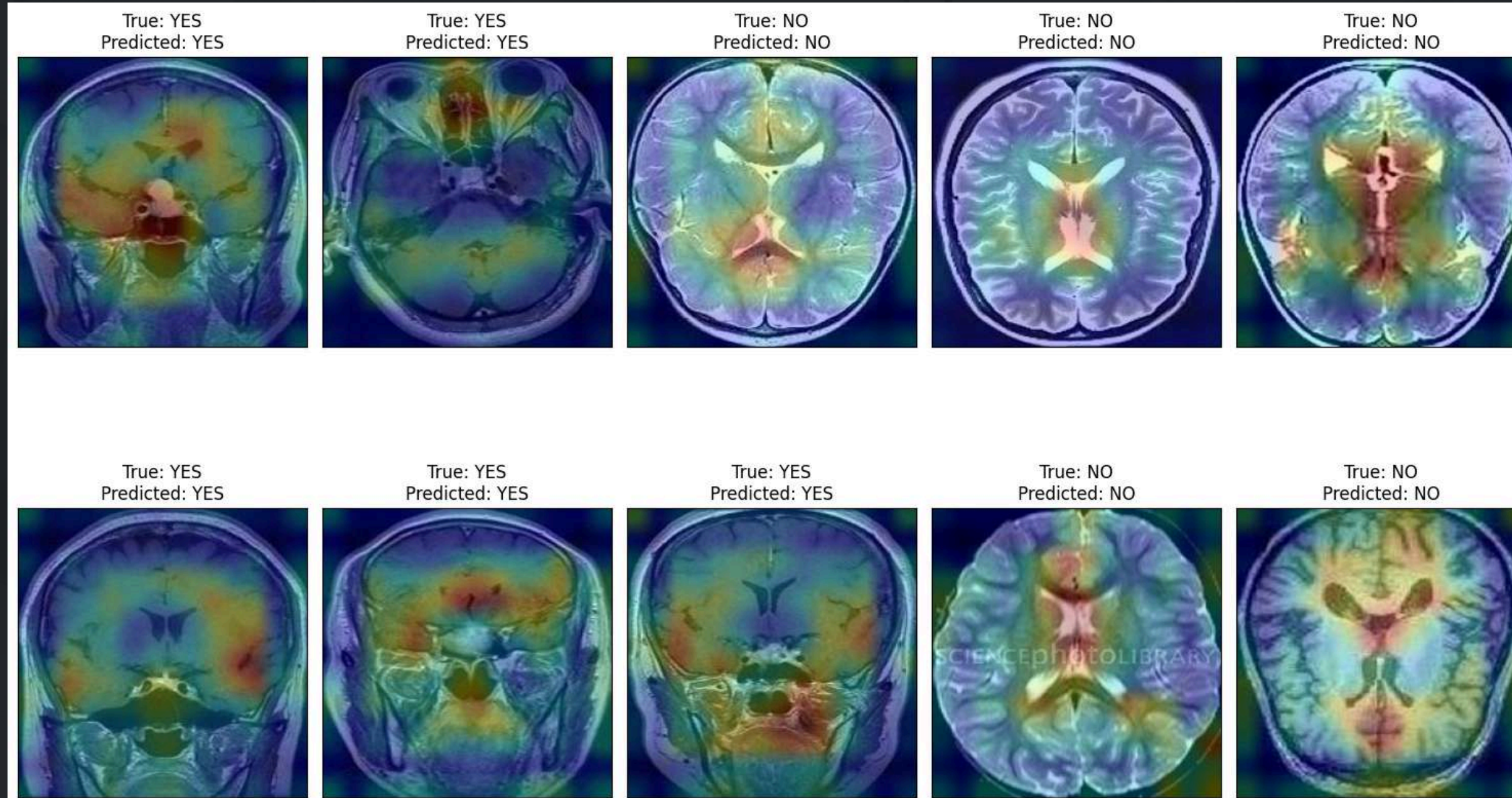
✿ **Tools Used**



Python




Google Colab




This is not the end...

Ready to contribute as a Data Analyst/BI Intern/Web Developer

Let's Connect!

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Scan Here!

Web Version of This Portfolio

