BAKIR BAKIR

DATA ANALYST

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PERSONAL PROJECTS

1. COVID-19 PROJECT

A. EXPLORATORY DATA ANALYSIS - SQL Server

Using the global dataset of covid-19 statistics from ourworldindata.org, the data was queried in an analytical manner that shows the most significant numbers and insights about the covid-19 cases, deaths, and vaccinations.

B. DATA VISUALIZATION - PowerBI and Tableau

Creating visually appealing interactive charts, graphs, and maps to present the findings effectively. Visualizing the geographic distribution of cases, deaths, and vaccination rates using PowerBI and Tableau to allow users to explore the data and make meaningful observations

2. NASHVILLE HOUSING DATA CLEANING – SQL Server

Using a Nashville housing dataset to ensure data quality and consistency, using SQL Server. The project aims to prepare the dataset for further analysis and modeling by solving data quality issues and cleaning up inconsistencies. The Dataset comprises housing-related information, including property listings, sales records, and demographic data specific to Nashville, Tennessee.

3. IMDB MOVIES DATA ANALYSIS - Python

An IMDB Movies dataset was explored using Python to gain insights into the relationships between budget, gross revenue, and production companies. The project involves data cleaning, visualization, and the study of a correlation matrix to uncover patterns and trends within the movie industry.

4.YouTube API WEB SCRAPPER - Python

This Python program is designed to connect to the YouTube API using a Google Cloud API key, enabling the retrieval of data from multiple YouTube channels. The program extracts video data from the specified channels using their unique channel keys. The retrieved data is then cleaned, and visualized to gain insights into the video trends of a particular channel.

5. CoinMarketCap API WEB SCRAPPER - Python

In this Python program, the CoinMarketCap API was used to establish a connection with the coinmarketcap.com website and retrieve real-time data on the cryptocurrency market. It contains continuous data retrieval feature through a timer function, data cleaning, and the creation of visuals

SKILLS

- SQL (SQL Server, MySQL)
- Microsoft PowerBI
- Tableau
- Python (BeautifulSoup, Pandas, seaborn,Matplotlib)
- Microsoft Excel (Pivot Tables, Vlookups, Visuals)
- Microsoft Programs

EDUCATION - Bachelor in Civil & Environmental Engineering – Beirut Arab University - 2019

EXPERIENCE

-Cryptocurrency and Forex Markets Trader– Freelance- 2020-2023

-Civil Engineering Intern– UDECO (Universal Development Company)– Saida, Lebanon- 2018-2019

-Private Tutor – Freelance – 2017-2020

LANGUAGE - Fluent in Arabic (spoken and written), Fluent in English (spoken and written)