EVANGELOS CHOCHOLIS

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vangelis-chocholis
https://vangelischocholis.github.io/

Education

- **MASTER OF SCIENCE IN THEORETICAL & MATHEMATICAL PHYSICS**
  University of Crete, 2019-2020
- **BACHELOR OF SCIENCE IN PHYSICS**
  University of Crete, 2014 - 2019

Skills

- Python (pandas, NumPy, SciPy, Matplotlib, Seaborn, Plotly, Streamlit, Scikit-Learn, statsmodels, Keras)
- SQL (SQLite databases)
- MS Excel (including Power Query and Power Pivot)
- MS Power BI
- Strong mathematical background in ML

Projects

DATA EXTRACTION, ANALYSIS, AND INTERACTIVE DASHBOARD FOR PINK FLOYD ALBUMS – May 2023
GitHub repository: https://github.com/VangelisChocholis/pink_floyd_dashboard.git

- Utilized **SQL** and **Python** (**pandas**) to get and clean Pink Floyd data from a local database of 8+ million Spotify tracks.
- Constructed a **Python** script to make **Spotify API** calls to update track and album popularity.
- Explored and visualized the data by using **Pandas** and **Plotly**.
- Constructed and deployed an interactive dashboard using **Streamlit**.
  DASHBOARD URL: https://vangelischocholis-pink-floyd-da-pink-floyd-streamlit-app-7gqao1.streamlit.app/

EXTRACTING INSIGHTS RROM ONLINE PURCHASES DATA   – May 2023
GitHub repository: https://github.com/VangelisChocholis/Online_Purchaces_Insights.git

- Created a **Python** script using **pandas** to automate data cleaning and transformation processes.
- Categorized Users into different segments based on which device they used to make a transaction.
- Conducted data aggregations and hypothesis testing (ANOVA) to draw conclusions about performance metrics.
- Narrowed down to the two essential metrics for each segment's performance: transactions per user and total transactions.
- Visualized and effectively communicated the findings through an interactive dashboard created with **Plotly** and **Streamlit**.
  DASHBORAD URL: In Progress

Certificates

- Excel Skills for Data Analytics and Visualization **–** Coursera (Aug. 2022 – Sep. 2022)
  Three courses: Excel Fundamentals for Data Analysis **–** Data Visualization in Excel, Excel Power Tools for Data Analysis
- Data Science and Applied Machine Learning with Python **–** Mathesis MOOCs (Feb. 2022 – May 2022)
- Education In New Technologies **–** Dep. Of Mathematics University of Crete (Oct. 2021 – June 2022)

Work Experience

TEACHING PROFESSIONAL OF STATISTICS – IEK DELTA 360º Kalamata, Greece (October 2022 – June 2023)

TEACHER OF PHYSICS, MATHEMATICS AND CHEMISTRY – Secondary education tutoring center (September 2022 – May 2023)

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