EVANGELOS CHOCHOLIS

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www.linkedin.com/in/
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 (MySQL, SQLite)
- MS Excel (including Power Query and Power Pivot)
- MS Power BI
- Tableau
- Git
- Strong mathematical background in ML

Recent Projects (https://vangelischocholis.github.io/#portfolio)

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 statistical analysis to draw conclusions about performance metrics.
- Removed redundant metrics and narrowed down to one essential metric to determine segments' performance.
- Visualized and effectively communicated the findings using **Power BI**.

INTERACTIVE DASHBORD FOR PINK FLOYD ALBUMS & TRACKS WITH DAILY DATA UPDATES – 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 SQLite database of 8+ million Spotify tracks.
- Constructed a **Python** script to make **Spotify API** calls to update track, album, and artist popularity.
- Scheduled daily data updates with **PythonAnywhere**.
- Constructed and deployed an interactive dashboard using **pandas**, **Plotly** and **Streamlit**.

Certificates

- Excel Skills for Data Analytics and Visualization – Coursera (Aug. 2022 – Sep. 2022)
- 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

MATHEMATICS INSTRUCTOR – IEK DELTA 360º Kalamata, Greece (October 2022 – June 2023)

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

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