K. Tuna Kokarcalı

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SKILLS

Python, MySQL, MS Excel, Amplitude, Power BI

EXPERIENCE

Data Analysis Intern | Jotform | Jun 2022 – Aug 2022
- Worked on a project on the Growth Intelligence Team. This project was about creating a retention dashboard and it contained a cohort chart and customization options.
- Developed a function which create cohort charts and freely customize them.
- Implemented the Python function to MySQL queries and creating tables.
- Used Python, MySQL, and MS Excel.

Data Analysis Intern | InnerJoy | Mar 2022 – May 2022
- Analyzed user data.
- Reported app's daily data.
- Tracked app's advertisements on Facebook.
- Used Python, Amplitude and MS Excel.

PROJECTS

Cohort Analysis | Python (NumPy, Pandas, Matplotlib, Seaborn), MySQL
- Created functions to automatically create customized cohort charts. One of the functions is for preparing the given dataset to use it in the main function. This function makes certain changes and customizes columns and rows.
- The main function has 14 parameters to give users the freedom of creating charts with large variety. Unlike the other cohort charts, this function can change time periods for rows and columns separately. Thus, more information can be obtained from the chart.
- The function also has filtering and grouping statements similar to SQL.
- If size and period of the cohort is changed, then the size of the figure and all other elements will be arranged automatically.
- Implemented these all functionalities to MySQL queries for Highcharts.

Forecasting for 2023 Turkey Elections | Python (NumPy, Pandas, Plotly)
- Created charts for the two elections of 2023. These charts are maps that contain forecasted results city by city and vote rates party by party, candidate by candidate.
- This forecast is based on the previous elections and the current election surveys. Survey result data of ~50 cities was missing, so the previous election results and survey data was used to create forecasts for these ~50 cities.
- We can get information for each city and each party/candidate.

Space Missions Data Analysis, Film Ratings Data Analysis | Python (NumPy, Pandas, Matplotlib, Seaborn)
- Made exploratory data analysis and visualizations for space missions and film ratings datasets.
- Detailed visions were extracted and visualized.

EDUCATION | Bogazici University, Management Information Systems **|** 3.46/4.00 **|** 2019-2024