

Christine Raouf

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SKILLS

- Programming skills: Python (NumPy, Pandas, Jupyter.), Javascript, NodeJs
- SQL
- Data Visualisation: Tableau
- Agile
- Linux Administration

Projects:

Explore US Bikeshare Data <https://github.com/christine-raouf/USDatashareBike/blob/main/all-project-files-usbikeshare.zip>

- Cleaned and prepared the data (Bikeshare data in 3 US cities) to be worked on using Python libraries like Numpy and Pandas
- Answered some statistical questions like: popular travel times, popular stations and trip, trip duration and user info (age group and gender)
- Displayed results in interactive experience on cli: choosing the city and the statistics to show.

Investigating medial appointments no shows Dataset <https://github.com/christine-raouf/InvestigateDataSet>

- Applied Data Wrangling phase and exploration on <https://www.kaggle.com/datasets/joniarroba/noshowappointments> using NumPy and Pandas
- Focused on 3 variables and put some questions for data analysis purpose
- Plotted and presented answers to questions using different kind of plots using matplotlib
- Came to conclusion to questions, presented and communicated ideas in Jupiter notebook

Investigating Digital Music Store database <https://github.com/christine-raouf/digitalstoredatabse>

- Set some questions to be investigated using sql queries
- Build sql queries using aggregations to see relations between different tables
- Presented results using charts in Excel
- Built report and communicated results

Data Visualisation for US censorship data for 2015 using Tableau <https://github.com/christine-raouf/TableauProject>

- Investigated dataset using tableau and chose specific parameters to look at and their relations to each other.
- Presented visualisations in different charts to convey message and make it easier for audience to understand using maps bar charts and leverage filters for comparison

Technical Experience

Dell Technologies – Cairo, Egypt

Senior Technical Support Engineer, May 2015 – Present

- Supporting Backup and Recovery customers
- Closed thousands of cases
- Received more than 50 positive feedbacks
- Delivered trainings to newcomers
- Mentoring and coaching 2 or 3 people at a time
- Helping managers
- Developing knowledge sharing content in different forms: articles, videos and presentations

Education:

Faculty of Engineering Cairo University – Electronics and Communications 2008 – 2013