Edher Diaz

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Education

Skills Tech, Mexico - Data Science Diploma

2022-2023
- Activites: Built different projects using Data Science and Data Analytics tools including the use of Python, SQL, PowerBI, Github, FastAPI, Amazon Web Services, Probability and statistics.

2016-2021 **Universidad Autonoma Metropolitana, Mexico - Bachelor degree in Energy Engineering**
- Activites: Desingned a Power Generation Plant of 300MW on the Baja California State in México, this could help the community to face the issue with the lack of water in the zone helping 30,000 + families
- Achievements: I won the University Merit Medal for the Best grade on my career

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Professional Experience

Technical Support Resource (Specialist) - Google Looker

Winter 2021

Mexico City, Mexico

Custommer service on Looker BI software, I went trought Google customer issues on Looker platform, I applied Analytics skills, like connect db to software, create dashboards, make data analysis, working with different database dialects as Snowflake, MySQL, PostgreSQL
- As Specialist, I wen through isses that required specialized research, when Generalist Agent was not able to find a solution.
- I attend more than 300 cases solving Data Analytics issues, since developing performance dashboards to database conection issues.
- With my team we could increase the customer ticket performance, from 70% to 95%
- The average score of my attended tickets was 4.5 out of 5

Personal Projects

Spring (2023)

Energy Price Analysis - Diploma Final Project *(Python, Jupyter Notebook, Google Cloud, Looker, Vertex AI, EDA)*
- I worked with the Data of CENACE (Centro Nacional de Control de Energía) in México, to make an analysis and build a prediction model for the Energy prices in Mexico, I reviewed the variables that affected the price, since global conflicts to the State in Mexico where the Energy is localized.

Winter 2022

Machine Learning Projects
- **Artificial Vision Projects - Dogs and Cats clasificator** *(Python, Jupyter Notebook, Visual Intelligence, EDA, Pandas, Numpy)*
  - I built a React Web App based on an artificial neuronal networks and on images of dogs and cats, making dta transformation for better results (2022)

Winter 2022

- **Clasification** *(Python, Pandas, Numpy, EDA, Machine Learning Models)*
  - I made a project that classified the drugs for different patients depending on the user information (2023)

Winter 2022

- **Regresion** *(Python, Pandas, Numpy, EDA, Machine Learning Models)*
  - I predict the houses prices in the UK metropolitan zone depending on different fields like crime, median salary, localization (2023)

Skills

Computer languages: Python, Java, JavaScript, SQL, HTML/CSS

Technologies: Jupyter Notebook, Looker BI, Scikit-learn, Matplotlib, Pandas, Numpy, React, Git, FastAPI, PowerBI, Google Cloud Platform, Vertex AI, Team Managment