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| Data Analyst/ Data Science  Ramil Abbasov | +(994)554634219 | ramil.abbasov194@gmail.com  [https://www.linkedin.com/in/ramil-abbasov/](https://www.linkedin.com/in/ramil-abbasov-979b06125/)  <https://github.com/Ramil124/PortfolioProjects>  Baku, Azerbaijan |

# Skills

* SQL (MySQL, Oracle SQL Developer)
* Python (Pandas, NumPy, MatPlotLib, Scikitlearn, PySpark)
* Tableau
* Excel (VLookup, Conditional Formatting, Pivot Tables)
* Microsoft Power BI
* R (dplyr, tidyverse, ggplot)

# Projects

Electricity contract selection – Personal Project

* I have used **RegEx** functions in **Python** to clean and to divide the raw data into features
* Calculated the highest average electricity usage among the days of the week
* After calculating the annual cost for electricity usage based on the historical data under each contract. Identified contract with the least amount of annual costs among the 3 suggested contracts.

Leaf Disease detection– Personal Project

* Uploaded the leaf dataset from kaggle to be able to train the **Deep Learning** model on.
* Randomized and set up fixed parameters for the images to later use them in my **CNN** (Convolutional Neural Network) model
* Identified all 38 classes of plants that they belong to
* Found the plants that were mistakenly classified and analyzed the distinctions of those plants that affected our model

Data analysis of an online store using sql – Personal Project

* Utilized MySQL to get insights on quarterly figures for conversion rates, revenue per order and revenue per session
* Found out the monthly trending for revenue and margin by product, along with total sales and revenue
* Observing the sales data since the launch of the newest product and looking at the performance of the cross-sell of products with each other

Data Science McKinsey Hackathon– Personal Project

* Participant of Pro Hack: International Data Science Hackathon by McKinsey & Company. I was always on the lookout for machine learning projects and competitions; The McKinsey hackathon gave me an opportunity to test my analytical skills.
* It was a great experience to compete with professionals all over the world and learn from different solutions.
* Utilized **Python** to analyze 181 unique galaxies and gain insights on the well-being of those galaxies
* Used **MatPlotLib** and **Pandas** libraries for an exploratory analysis and visual display of important tendencies in the dataset

# Work Experience

Measurement and Logging while drilling **– Easy drill** February 2018 – Up-to-Date

● Working as a MWD/LWD Engineer which stands for Measurement and Logging While Drilling

● Gathered the data from the downhole tool which is then used for leading the hole direction according to the Well plan

● After closely examining the data depending on the survey collected deciding the next plan for continuing the drilling operations

● The data collected from the tool includes the Inclination, Azimuth, Resistivity and Gamma Rays of the rock formations which is then used as inputs for the drilling programming tool named Compass.

● Using this programming tool that works on a simple Machine Learning algorithm which gives a prediction for the Drill bit location

at the certain depth.

● Depending on the values of the survey collected from the MWD tool, the program gives us the difference (residuals) between the real and the planned locations of the Drill bit.

● Used my newly acquired skills in Machine Learning to predict the rock formations during the Drilling Operation which has painted a good picture of the formation zone and made the job more productive in terms of time and cost efficiency.

# Education

Bachelor of Mechanical engineering – ASOIU – Azerbaijan, Baku June 2016

Data scientist certificate – Data Science Academy – Azerbaijan, Baku June 2023