

MOHAMMAD FADLALLAH

Tyre /Beirut

Skills

- Excel
- SQL (SQL Server, sqlite)
- Python (Pandas, NumPy, **sklearn** , Matplotlib, plotly)
- **Natural language processing** : nltk, textblob ,..
- R programming
- **Web development**: HTML , CSS , javascript ,PHP, BOOTSTRAP
- **Programming** : Java ,C# ,C/c++ ,Python , prolog,R
- Api : FastApi , sql alchemy
- **Linux(kali & Ubuntu)**: terminal commands , shell scripting (bash),C,python
- spss
- microsoft power bi

Projects

PASS -GAN DEMO UNIVERSITY-PROJECT

April 2020

- recreation of pass-gan generative adversarial networks trained with passwords to create similar passwords
- Utilized **Python** tensorflow and keras
- train the model with data set of thousands of passwords (**not enough**)
- Use the model to generate a new passwords list

LEBANON 2022 PARLIAMENTARY ELECTIONS DASHBOARD

February 2020

- Created a dashboard with **Power Bi** to help client compare between different employee benefit packages
- Transformed and processed data by using Excel to ensure data completeness and validity

SENTIMENT ANALYSIS ON TWEETS – Masters thesis Project

2020

- Utilized jupyter notebook to perform **sentiment analysis** on 170000 covid-19 related tweets.
- Performed data cleaning, text analysis, and **sentiment analysis**, using variety of python libraries like textblob , re, and nltk.
- trained different machine learning models with the tweets like **svc** , **random forest** , **naive bays** ...etc to get the optimal model.

Work Experience

Freelance Data scientist & developer`

11/2022 -now

- train and test different machine learning models from **sklearn** .
- Create a couple of static web-pages

Data scientist & machine learning engineer – Arct-lab – BEIRUT, Lebanon

6/2022 - 11/2022

- use **jupyter** and python on forex trades and ticks datasets using pandas.
- data **visualization** using python plotly & matplotlib.
- train and test different machine learning models from **sklearn** .
- optimize the models performance by **hyper parameters tuning** .

IT – D1 forex – tyre , Lebanon

6/2021 - 5/2022

- install new hardware and software components.
- ensure the systems are secured and working probably.
- build and analyze visuals of customer data using **Microsoft powerBi** .
- build and maintain **excel** sheets for accounting purposes .

Education

1. Masters of computer science in information system and data inelegance from Lebanese university (ongoing)
2. Lebanese university, masters degree in business computer
2018 - 2020
3. Lebanese university, bachelor degree in business computer
2015 - 2018