Aouataf Dudman

Data Analyst

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Work Experience

Fortia Financial Solutions - Data Analyst Intern
March 2018 – September 2018   Paris, France

- Collaborated with data scientists to improve the performance of named entity recognition model by 12%
- Gathered and analyzed financial data using python, designed and introduced new gold standard data-set to train machine learning models
- Achieved 90.49% performance score for Automatic structure detection and 80% score for sentence boundary detection
- Managed the development of annotation guidelines for FinSBD Shared Task: 2019
- Tested the models' performance and delivered performance reports to the financial and marketing team

Education

Sorbonne University, Masters of Languages and Computer Science (Statistics, data wrangling, programming, machine learning and graph database)
September 2020   Paris , France

University of Lyon Lumiere, Masters of Multilingual Information Systems, Computational Linguistics and Translation
September 2018   Lyon, France

Data Analytics training

May 2022 Advanced Excel: Power Modeling Bootcamp
March 2022 SQL - MySQL for Data Analytics and Business Intelligence , Udemy

Skills

- Programming: SQL, Python (Pandas, Scikit-learn, Selenium)
- Modeling: Linear and logistic regression
- Data visualization: Excel, Google Sheets, Matplotlib, Tableau, Highcharts

Projects

Data Analyst Job Market Analysis in Australia

- Scraped >1000 recent job offers from LinkedIn using Python, cleaned the data using Pandas, gathered some insights using mySQL and visualized the data using Tableau
- Saved an average of 80 hours on reading job applications and refined my job search methods

Amazon Price Tracker

- Scraped product data from Amazon website using Python (Selenium), scheduled running and sending price drop E-mail alert using CronJob on AWS EC2 instance
- Saved time and money relative to the manual price tracking method

Amazon Product Review Sentiment Analysis

- Pre-processed 10 000 product reviews using Pandas, trained an SVM model using Scikit-Learn and built visualizations in Matplotlib to show how my model was performing
- *Saved analysis time* and improved accuracy by 16% compared to the Vader sentiment analysis model and by 2% to the logistic regression model