AJDIN KUCEVIC

Data Analyst/Scientist | Machine Learning Models | Scientific AI Team | Statistical Competency

9496748050 • ajdinkucevic@gmail.com • https://www.linkedin.com/in/ajdin-kucevic-4333141aa/| • Costa Mesa, CA

EXPERIENCE

Harvey & Company
Newport Beach, CA

Research Analyst
04/2024 - 10/2024

- Enhanced targeting efficiency by 13% by streamlining datasets of 500 potential companies using Excel
- Applied meticulous searching techniques at the firm, combining Excel and SQL skills to identify viable investment opportunities
- Coordinated calls to schedule meetings with executives to discuss private equity opportunities that led to an increase of closed deals by 15% in Q3 of 2024 and surpassed the record transactions the company had in 2023 (200 closed transactions)

Ramco
Fountain Valley, CA

Manager, Data Analyst
02/2019 - 04/2024

- Managed an 16% reduction in overall inventory levels through meticulous management, fund accounting knowledge, and data inferencing practices in the metal fabrication and aviation department using Python and SQL
- Analyzed production data using Machine Learning Methods with Databricks to identify bottlenecks and inefficiencies in the manufacturing process that led to an increase in output from 2021-2022 by 20%
- Led meetings in worker safety and machine replacement that resulted in a reduction of inventory by 15% and worker mishaps by 27% in the year 2022 alone
- Synthetized big data compilations using SQL and Python that provided predictions for which parts to manufacture in the coming months for buyers given the recent trend of which parts are requested, reducing operating expenses by 15% in 2023
- Established and facilitated contact with the buyers by communicating to the production team the demands of our buyers transparently, which led to deliveries going up by 14% in 2023

Northwestern Mutual
Irvine, CA

Account Executive and Analyst
06/2022 - 10/2022

- Enhanced a fundamental understanding of the financial tools the company provides to clients, from college education planning to retirement savings, at the annual convention in Milwaukee that over 14,000 employees attended
- Connected with potential clients on financial planning methods and tools that would ameliorate their financial situation by evaluating their current financial situation and what their goals and trajectories were that achieved closed deals by 12% in Q3 of 2022 from the Irvine office

Chapman University/Self Study
Orange, CA

Data Analytics and Bioinformatics Projects
08/2021 - Present

- Led a team to utilized Python (using TensorFlow and PyTorch) and R programming and regression concepts (LASSO and Random Forest Modeling) to determine which factors of a movie affected their IMDB scores which included data cleaning over 1,000 data points and implementing text classification for non-numerical variables
- Applied R and Tableau to decipher which factors of wine were most significant in the sale of wine bottles utilizing both linear and logistics regression that related acidity levels to determine the quality of wine the best
- Evaluated using SQL and R a clinical trial that was conducted to investigate glucose levels of 36 obese women at baseline, 3 months, and 6 months while using hormonal contraception to deduce if there has been a significant change between the periods accounting for the difference of women in both age and race
- Analyzed RNA-seq data to identify differentially expressed genes in response to a treatment or condition, using tools like DESeq2 or EdgeR and studying single-molecule technologies such as PACBio's Iso-Seq Sequencing technologies
- Oversaw survival analysis on patient data from clinical trials to determine factors affecting survival time under different treatment conditions using R's Survival Package that included log-rank tests to assess survival outcomes and SQL for data management
- Predicted the progression of diseases (e.g., diabetes, Alzheimer's) by using time-series analysis and machine learning models like Random Forest to predict disease progression based on patient vitals, lifestyle factors, and genetic data in Python and SQL
- Developed and deployed an end-to-end machine learning pipeline for predicting patient diagnoses using electronic health records (EHRs), leveraging regression models, support vector machines (SVMs), and deep learning techniques (CNNs & RNNs).

Education

Coursera
Remote

IBM's Data Science Professional Certificate
06/2024 - Present

UCLA Extension
Los Angeles, CA

Applied Bioinformatics, Biostatistics, and Pre-Med Certificates
06/2024

- GPA: 3.7

Education

Chapman University   Orange, CA

Bachelor of Arts in Economics, Business Administration & Analytics Minor   08/2021 - 05/2023

- George l. Argyros School of Business & Economics
- GPA: 3.72, Magna Cum Laude

Franklin University Switzerland   Sorengo, Switzerland

Studied International Economics   08/2019 - 05/2021

- GPA: 3.84, Merit Award Scholarship, Dean's Honor List (Every Semester of Enrollment), Honors Board Member

Languages

English Native ●●●●●   Serbo-Croatian Native ●●●●●   Italian Proficient ●●●●○

Spanish Intermediate ●●○○○

Skills

AWS · Big Data · BigQuery · Bioinformatics · CRM · Data Science · Databricks · Eviews · Excel · GitHub · Google BigQuery · Google Cloud · Google Sheets · IBM · Java · JavaScript · Linear Algebra · Machine Learning · MATLAB · Matplotlib · Microsoft Excel · NumPy · Pandas · Pivot Table · PostgreSQL · Power BI · Powerbi · Python · PyTorch · R Programming · Random Forest · Rstudio · Salesforce · Salesforce CRM · Scikit · Scikit-learn · SQL · Tableau · TensorFlow · Typescript · Azure · Business Strategy · Clustering · Data Visualization · Deep Learning · hypothesis testing · KPI · Mathematics · Oracle · Predictive Analytics · SAS · Scipy · SPSS · statistical modeling · statistics · Agile · AWS Lambda · CloudWatch · Configuration · Data Engineering · Database Systems · Datadog · Debugging · Design Thinking · DynamoDB · Lambda · Microsoft SQL · Microsoft SQL Server · Postman · RDS · SQL Server · Business Intelligence · Data Quality · Data Structures · Data Warehousing · ms SQL · ms SQL server · T-SQL · Data Mining · RDBMS · Time Series · Virtual Reality · Linux · NLP · SparkSQL · Amplitude · Atlassian · AWS Redshift · Confluence · dbt · ECommerce · JIRA · Jupyter · Jupyter Notebook · Slack · SVM · XGBoost · Google G-suite · Git · Modular · ETL · Mechanics · BrandWatch · Google Analytics · Google Data Studio · Meltwater · SEO · SproutSocial · C/C++ · Keras · OOP