ALEXANDER ANGUIANO
Business Analytics

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Employment

J.P. Morgan Chase
Business Process Analyst

📍 Coppell, TX 📅 2019-Present

- Analysis of processes and potential improvements in Coppell print operations.
- Maintenance of performance analytics for departmental metrics including, print, envelope insertion, and dispatch.
- alexander.a.anguiano@chase.com

Norwex USA
Operations Leader

📍 Coppell, TX 📅 2015-2017

- Managed data reports including KPI, employee metrics, and inventory tracking.
- Launched new Support Department for returns, damages, and special orders.

Fedex Ground
Dock Manager

📍 Dallas, TX 📅 2014-2015

- Quality Driven Management analytics and improvement champion for facility.
- Safety Manager for midnight sort operations.

Extended Resume
View on Tableau Public

Projects

⊞ Microsoft Professional Program Capstone: DAT102x

- R Program to create machine learning solution for Microsoft Capstone final, including reading in of .csv, imputation of missing data, 10-fold cross validation, 7 regression models (including Linear, SVM, & Boosted Tree), RMSE & R2 plots, predictions with .csv write output, variable importance scores, and correlation matrix.

View R Code on Github

- Written summary report for Microsoft Capstone which includes an executive summary, variable description, data exploration with histogram, data preparation techniques, model summary with RMSE plot, as well as variable importance, and correlation visualizations.

View Report on Github

- Ranked 8th overall on first submission of prediction values to Driven Data competition for Microsoft Capstone.

View PDF Snapshot of Submission

🏁 Sports Analytics Prediction Model

- Machine Learning model for weekly NASCAR scoring predictions.
- Ensemble of 8 regression algorithms including linear, SVM, boosted tree, and Keras multi-layered neural net.

View R Code on Github

- Tracked Progress through online blog @ FantasySportsDeviation.com

🏈 Fantasy Football Lineup Optimizer

- R Program for generating Daily Fantasy Sports lineups.
- Includes combinations of 6 players from a pool of 32 without repeats, with use of dyplyr, mutate, filter, and joins..

View R Code on Github

Certificates

⊞ Microsoft Professional Program Capstone: DAT102x 📅 2018

- Real-world data science problem presented by Microsoft Professional Program. Exploration of a dataset and development of machine learning solution.

View Professional Capstone Certificate

⊞ Microsoft Analyzing and Visualizing Data with Power BI: DAT207x 📅 2018

- Topics include: Data transformations, modeling, visualizations, publishing to the web, dashboards, collaborating with Excel, and security.

View Power BI Certificate

⊞ Microsoft Querying Data with Transact-SQL: DAT201x 📅 2018

- Topics include: Querying tables with SELECT, querying multiple tables with joins, using set operators, aggregated data, subqueries, APPLY, and modifying data.

View Transact-SQL Certificate

⊞ Microsoft Data Science Essentials: DAT203.1x 📅 2018

- Topics include: Data exploration, visualization, cleansing, manipulation, machine learning, and web services with Azure.

View Data Science Essentials Certificate

Skills

- Machine Learning (R & Azure)
- Data Wrangling (R, Azure, Alteryx, Talend)
- Data Visualizations (R & Power BI)
- Performance Metrics

Education and Experience

🎓 University of Texas at Arlington – Bachelor of Arts English

- Critical Thinking
- Written Communication

⚓ Veteran United States Navy

- Aviation Electronics Technician 3rd Class
- Honorable Discharge (DD214 available)