

>> DATA ANALYTICS | FORECASTING

MOTIVATION

I am passionate about solving business problems using Data Analytics. I creatively use my skillset to add tangible value to the team, the business, and the end-user. I am constantly learning, and always looking to improve.

SKILLS & TOOLS

Programming: SQL (Netezza, Yellowbrick), Python (Base, Pandas, Numpy, Matplotlib, Scikit-Learn)

Other: MS Office, Data Visualizations

EXPERIENCE

Senior Analyst - Loss Analytics - Alliance Data

JUNE 2020 - PRESENT

- Develop and maintain short and long-term loss forecasting for bankruptcy, deceased and settlements.
- Maintain forecasting models through SQL queries and Excel models.
- · Create various forecast scenarios to determine optimal approach based on risk tolerance.
- · Present recommendations to senior leaders during weekly and monthly forecast meetings.
- Provide business recommendations on responsible line items to better predict and reduce losses.
- Completed 15 ad-hoc data requests for 2021.
- Developed monthly variance report for deceased scrub to help monitor trends to alert operation partners of changes in trend.
- Presented an overview of the Loss Analytics team to internal partners.
- Improvements to settlement forecast successfully reduced monthly variance by 50%.
- · Developed product and division level forecasting allowing to better identify and target risk populations.
- Settlement deep dive analysis resulting in \$1mm savings being implemented in 2022.

Senior Adaptive Control Analyst - Alliance Data

JUNE 2016 - MAY 2020

- Analyzed, coded and tested credit risk strategies in Strategy Manager and PowerCurve.
- Successfully completed 42 new accounts Jiras and projects in 2019. Includes a variety of score adjustments, adding new data sources, scorecards, marketing campaigns and capabilities to support business goals.
- Auditing of installs by querying large data sets in SQL/DB2, monitoring live TCOP traffic and pulling logs in Mainframe system. Work together with credit analysts to ensure expected results.
- Collaborate with modelers to install new scorecards and strategies. Performed coding and testing as well as auditing scorecard and model strategies in production.
- Team lead on 4 new client project launches. Met all requirements and launched on schedule.
- Provide analysis and subsequent feedback of ad hoc requests from other analytical teams. Requests require SQL querying, analyzing code and data sources and creating test cases.
- Collaboration with technical and project teams such as QA analysts and developers to ensure successful projects. Includes technical writing such as design documents and presenting analysis in meetings.
- Trained new teammates and completed training benchmarks ahead of schedule.
- Team lead on all collection installations resulting in reduction of collection losses.



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Adaptive Control Analyst- Alliance Data

MAY 2015 - MAY 2016

Analyzed, coded and tested credit risk strategies in our Strategy Manager Collections Systems and FICO Falcon Fraud System.

Presented team overviews to credit risk new hires summarizing our team and functions.

Developed Collection and Fraud flow charts using Visio providing a clearer context to leadership.

EDUCATION Master of Business Administration - MBA

2013 - 2015 - Capital University

Bachelor of Arts - BA - Psychology

2003 - 2007 - Ohio University

COURSES & CERTS

Coursera - Macquarie University

- Excel Fundamentals for Business Analysis 2021 Learn to clean and prepare data, efficient automation using tables and how to use advanced lookup functions.
- Excel Skills for Data Analytics and Visualization Specialization In Progress Jan 2022
 - Advanced Excel functions, creative visualizations, and optimizing automation. Be able to setup interactive dashboards, use Power Pivot, and Power Bl.

Data Science Infinity - In Progress - April 2022

Extracting & manipulating data using SQL. Application of statistical concepts such as hypothesis tests for measuring the effect of AB Tests. Utilizing GitHub for version control and collaboration. Using Python for data analysis, manipulation and visualization. Applying Machine Learning algorithms for regression, classification, clustering, association rule learning, and causal impact analysis for measuring the impact of an event over time.