

COREY MORIN

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EXPERIENCE

Morgan Stanley

Analyst - Strategic Analytics

Baltimore, Maryland

July 2021 – January 2022

Wealth Management Coverage - Investment and Product

- Investigate and challenge machine learning based tools and products with model developers to socialize current strategies and initiatives to C-Suite level executives from the Wealth Management Business Unit
- Develop an “Assets Under Management” data pipeline leveraging ETL processes across 6.5 million accounts holding over \$3.8 trillion in assets after integrating ESG (Environmental, Social, and Governance) and Aladdin Risk Scoring data to streamline research of client holdings, portfolio alignment, risk tolerance, and balances
- Wrangle and cleanse complaints data using R for the development of a proprietary First Party Financial Advisor Fraud prediction model for the support of Sales Practice Risk initiatives
- Automate OCC and FED regulatory reporting using R and SQL to save teammates over 20+ hours per month

Deloitte & Touché LLP

Senior Assistant - Analytics Specialist

McLean, Virginia

June 2021 – July 2021

Financial Services Industry - Secondary Mortgage Market

- Lead the non-performing loan modifications workstream using Agile methodologies as the data team point of contact for audit stakeholders

Assistant - Analytics Specialist

August 2020 – June 2021

- Discovered data quality issues in client systems driven by data flow timing differences using SAS/SQL
- Identified 250k+ loan modifications generating \$1.3 billion in revenue from the new Paydown Modification COVID-19 borrower relief program through a 2-year lookback analysis leveraging SAS/R and Tableau
- Collaborated with Audit stakeholders on various ADHOC procedures leveraging SAS and SQL in support of classification, population completeness, data quality, attribute, interest income, and loan delinquency testing
- Performed monthly ETL on over 17 million loans to streamline analysis of key loan characteristics, activities, and balances for procedural testing for performing and non-performing loans workstreams
- Translated an extensive suite of SAS procedural programs to R in support of the client’s SAS retirement initiative for the largest purchaser of mortgages in the secondary mortgage market

Morgan Stanley

Co-op - Strategic Analytics

Baltimore, Maryland

July 2019 – January 2020

Fraud Coverage

- Developed and maintained 3 Tableau workbooks via direct SQL queries extracting external/internal event data and risk/control ratings to identify fraud related vulnerabilities across the firm’s business units
- Classified over 10,000 global fraud related events (past 4 years) using text analytics/NLP for identification and tracking using the firm’s proprietary fraud risk taxonomy

EDUCATION

Montgomery College

Associate of Science, Computer Science

December 2022

University of Maryland

Bachelor of Science, Operations Management and Business Analytics

May 2020

GPA: 3.63

TECHNICAL SKILLS

- Skilled with R, Python, SAS, SQL, Java, C, Assembly Language, Tableau, Dataiku, Unix, HTML, CSS
- Experience with Statistical Classification, Predictive Analysis, Forecasting, Process Automation, Data Mining, Data Management, Data Cleansing, Data Visualization, Optimization, Web Scrapping
- Relevant Classes: Java, Computer Systems, Calculus 1, 2, 3, Differential Equations, Discrete Math, Statistics
- Relevant Tools: Toad, DBeaver, Jupyter Notebook, RStudio, SAS EG/9.4, Eclipse, Teradata