Patrick Cataldo

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Education

James Madison University | Harrisonburg, Virginia   May 2025
Bachelor of Science in Economics, Computer Information Systems Minor
Relevant Coursework – Advanced Econometrics, Intermediate Microeconomics, Financial Accounting, Intermediate Programming with Java, Systems Analysis and Design, Intro to Italian, Data Science with Python

Work Experience

Markel Group | Glen Allen, Virginia   November 2024 – Current
Data Analyst
Power BI | SQL | Python | HTML | CSS
- Built, maintained, and implemented dashboards and reports with the Process Excellence & Operational Reporting team that provided analytical and data solutions across the firm.
- Led multiple analytics initiatives in collaboration with stakeholders across multiple departments.
- Designed and implemented PDF exports to Markel's in-house CRM system, providing updated reports.
- Created and maintained automation processes and led migration projects from Excel to Power BI.

KEEE Consulting | Charlottesville, Virginia   January 2024 – August 2024
Research Analyst
R | Python | SQL
- Collaborated with a team of 5 to conduct an economic & policy analysis of labor force trends in the United States for the last 10 years.
- Responsibilities included creating and testing statistical models in R, automating reporting capabilities, implementing ETL processes with Python, and drafting policy recommendations.

Leadership Council on Legal Diversity | Richmond, Virginia   June 2024 – July 2024
Data Analyst Consultant
Python | Tableau | Salesforce
- Migrated the companies on-premises database to salesforce cloud hosting, providing a $10,000 reduction in operating costs annually.
- Created data cleaning scripts in Python to ensure data accuracy and built a dashboard with Salesforce Analytics that highlighted customer engagement and retention figures.

Projects

Stock Performance Dashboard   October 2024 – November 2024
Personal Project
Power BI | Python | Yahoo Finance API
- Built a dashboard that shows the financial performance of 14 public companies over the last 4 years.
- Leveraged the Yahoo Finance API with Python to pull 4 years of stock prices at the day level to be used by the dashboard to provide daily refreshes to the dashboard.

Modeling Mortgage Loan Outcomes   December 2023
James Madison University
R | stargazer | ggplot | glm
- Designed and implemented a probit model that predicts the outcome of a mortgage loan application.
- Consulted existing literature, conducted data analysis, estimated statistical models, and presented results.

Skills

Languages
- Python, Java, R, SQL, VBA, Stata, HTML, CSS

Software
- Power BI, Microsoft Fabric, Azure Databricks, SQL Server, Qlik, Salesforce, Tableau, Visual Studio