Tristan Ficarro

Data Scientist

Motivated, thorough, and curious data enthusiast with a strong background in statistics. Passion for exploring data of all kinds and finding actionable uses from it.

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SKILLS

- Data cleaning
- Data visualization
- Regression analysis
- Machine learning
- Data mining
- Effective communication

EXPERIENCE

Growve - St. Petersburg, FL

Director, Data Science (Jul 2022 – Present)

- Lead all data science initiatives for the Amazon Marketplace Team, which makes up over 50% of revenue
- Manage and mentor a team of analysts and engineers to solve complex business problems for Executives
- Bring third-party tools and services in-house, saving almost $200k annually in costs

Growve - St. Petersburg, FL

Data Scientist (Oct 2021 – Jul 2022)

- Built infrastructure from the ground up using GCP. Integrated 10+ data sources into the data warehouse
- Deployed company-wide reporting through Power BI, enabling executives to make data-driven decisions
- Developed proprietary products for Amazon seller's use

Progressive Insurance - St. Petersburg, FL

Data Analyst II (Aug 2020 – Oct 2021)

- Worked with data science team to deploy a machine learning model to help the company predict claims prior to binding a new policy. Estimated $1-1.5 mil in annual savings over various validation periods
- Wrote software to gather data from public sources and send reports to team members, allowing us to quickly respond to weather events

SafePoint Insurance Company - Tampa, FL

Actuarial Analyst/Software Developer (Aug 2017 – Aug 2020)

- Cleaned and analyzed raw data to create weekly/monthly reports for upper management. Automated many of them using SQL, Python, SSRS, and PowerShell
- Worked with and managed a team of developers and testers to deploy code to Production in biweekly releases. Attended daily scrum calls and used a combination of JIRA and GitHub to track issues
- Successfully led the conversion of the entirety of our policy data from the legacy policy system to a new one
- Created automation scripts in Python, saving users hundreds of hours and the company thousands of dollars

ACHIEVEMENTS/CERTIFICATIONS

- Three actuarial exams passed on the first attempt (P, FM, MFE)
- Portfolio found at tmf138.wixsite.com/website. Also, ask me about my bitcoin trading algorithm side project

EDUCATION

Bachelor of Science in Actuarial Science

Florida State University   08/2013 – 05/2017

TECHNICAL SKILLS

- Advanced Excel
- Advanced SQL querying
- Python
- R
- ETL
- AWS/GCP