# PRATEEK GAUTAM
(973) 313-4987 • pgautam41@gatech.edu • linkedin: prateekgautam1

## EXPERIENCE

**Zest Wealth Management -** Hoboken, NJ                      Nov 2021 – Present
**Data Scientist**

- Developed and refined predictive models for potential holdings to 20+ fund managers, achieving 760 basis points better return over the historical performance of the S&P500.
- Utilized clustering, classification, and time series forecasting techniques with financial modeling and API integration to drive product and investment strategies, achieving a 35% revenue growth.
- Engaged stakeholders across departments to identify opportunities for leveraging company data and advanced analytics to inform business solutions, driving strategic insights into emerging markets such as B3 and NIFTY, achieving a 25% year-over-year net growth in the EM Portfolio.
- Automated regular data extraction tasks through Python scripts, saving 10 hours per week.
- Built an interactive dashboard for 120+ private sector clients to explore investment opportunities across 20+ geographies, fostering global investment exploration.
- Communicated the output of forecasting models, including assumptions, limitations, and complexities to technical and non-technical audiences to ensure 100% transparent and data-informed decision-making.
- Authored compelling content for investment brochures, presentations, and social blogs.
- Actively designing and implementing a proprietary large language model (LLM)-powered chatbot using Meta Llama to summarize market trends from financial news sources and provide sentiment analysis to portfolio managers, targeting a 40% reduction in decision-making time.

**Digital Pioneers Academy** – Washington, DC                      Sep 2019 – Oct 2022
**Computer Science Curriculum Designer**

- Implemented and evaluated STEM programs through analytics, resulting in a 10% growth in PARCC scores and surpassed the national average with an 85% pass rate in the AP CSP exam.
- Designed and delivered curricula aligned to state and national standards, integrating technology to enhance in-person and online learning experiences. 95% of students wanted to retake the class.
- Created an interactive Tableau dashboard to visualize learning progress and engagement metrics using 15+ data points for each student to inform instructional decision-making.
- Awarded the "DC Bold School" accolade in 2022.

## EDUCATION

**Georgia Institute of Technology** - Atlanta, GA | MS Analytics (2024)
**Ramapo College of New Jersey** – Mahwah, NJ | BS Mathematics (2019)

## SKILLS

**Programming Languages**: Python (Advanced), SQL (Proficient), R (Advanced)
**Cloud and Tools**: AWS, Spark, H2O, Git, Apache Hadoop
**Machine Learning Libraries**: Scikit-learn, TensorFlow, Keras, PyTorch
**Data Visualization**: Tableau, D3.js

## OTHER

**Certification:** IBM Data Science Professional Certificate Offered through Coursera (2022)
**Personal Website:** analyst-g.github.io