Pritam Pandit

pritam@bu.edu +18579194584 LinkedIn

Previous role	Data Scientist at HeronAI
Technologies	HTML, JavaScript, Python, Postgres, Figma, Flask, Quickbooks, ChatGPT, SQL, AWS, Spark, Excel, Power BI, VBA

Right now I'm learning...
Building Robust AI Products with LLMs, Focused on Evaluation For business use case like Factuality, correctness etc

Work experience

Data Scientist, HeronAI May 2024 - Aug 2024 (3m)

HTML JavaScript Python Postgres Figma Flask Quickbooks ChatGPT

- Built automated data ingestion pipeline with Python's Pandas and Flask for processing 12 proprietary financial health calculations from API, eliminating manual data handling entirely.
- Performed A/B testing and competitor analysis to enhance user feedback collection strategy, boosting survey response rates by 15%.
- Developed Chrome extension with AI chat feature using JavaScript and API, driving a 20% rise in user engagement among 1,000 active users.

Research Assistant, BIT LAB, Professor Dr. Dokyun Lee Aug 2023 - Aug 2024 (1y)

- Designed Crawler for Github Repository Data and extracted repository metadata with snippet codes.
- Used GraphCodeBERT to calculate code similarity between Big Tech SOTA AI and repositories.

Global Industry Insight Analyst, Nielsen May 2022 - Jun 2023 (1y 1m)

SQL AWS Python Spark

- Created comprehensive product analytics reports for Media Industry using SQL queries on AWS Athena, driving a 10% increase in market penetration.
- Improved data retrieval efficiency by developing a Python-based XML file parser for large files, supporting strategic data initiatives.
- Automated ad hoc report generation by designing relational data models and visualizing key trends, reducing turnaround time by 80%.
- Reduced operations cost by 100K USD by deduplicating 2.3 million records between two data systems using Python text matching with AWS Glue and AWS Athena.

Technical Engineer - I, Ecolab Nov 2017 - May 2022 (4y 6m)

Excel Power BI VBA

- Optimized plant utilities using time series analysis of chemical dosage, leading to cost savings, improved performance, and a 50% reduction in equipment breakdown time.
- Collaborated with a Subject Matter Expert to develop a predictive model with XGBoost, achieving 98% accuracy in predicting system stress for a petrochemical asset.

- Utilized Predictive Models input in Genetic Algorithm to optimize asset parameters, resulting in a 20% efficiency increase and approximately USD 1M annual savings.
- Enhanced digital platform efficiency by analyzing data for various projects, improving customer experience and reducing attrition rate by 30%.
- Implemented PowerBI dashboards to streamline project operations, reducing meeting time by 75% and ensuring a 95% compliance rate with service-level agreements, enhancing project efficiency.

Education

Boston University Questrom School of Business Aug 2023 - Aug 2024 (1y)

Master of Science in Business Analytics

- Marketing Analytics
- Financial Analytics
- Business Experimentation

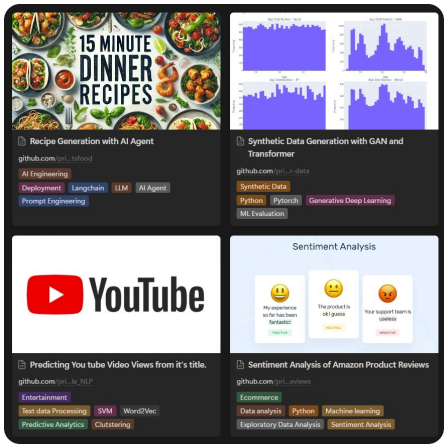
North Maharashtra University Jul 2012 - Aug 2016 (4y 1m)

Bachelor of Engineering

- Optimization
- Calculus
- Integration

Snippets

Portfolio **pritamportfolio.notion.site**
1) Generate Novel Recipe by Using AI Agents.
2) Synthetic Data Generation with GAN and Transformer.
3) Video Views Prediction from You tube Video title.
4) Amazon Product review Sentiment Analysis.



More about me

I like to work with people who...

passionate about their work, Who are eager to implement new ideas and love to talk about exciting new innovation.

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Interests

Cooking, Reading Novels, Walk in Park

Languages

English, Hindi