

Pranav Sunil Nair

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EDUCATION

National University of Singapore

Aug 2025 – Present

Master of Business Administration

- GPA: Ongoing

Northeastern University, Boston, MA, USA

Sept 2019 – Aug 2021

MS in Data Analytics Engineering

- GPA: 3.5/4.0

SKILLS

Languages: Python, SQL, R

Finance: Financial Modeling, Market Analysis, Portfolio Development, Risk Analysis

Business Intelligence: MS PowerBI, Tableau, MS Excel

Databases/ETL: SQL, BigQuery, Postgres, MongoDB, Snowflake, MS SQL Server, Apache Spark

EXPERIENCE

Data Engineer II, Northeastern University – Boston, MA, USA

Oct 2021 – Oct 2024

- Streamlined, automated and migrated Twitter data collection pipeline from Postgres database to Azure Cloud
- Dynamically visualized sub-pixel landscape classification model output on PowerBI and Google Earth Engine
- Designed data warehousing solution using Azure Synapse for daily processing of massive unstructured shipping data, reducing processing time by 30 percent
- Spearheaded transformation of ETL pipelines using Apache Spark, increasing processing speeds by 40 percent
- Worked with cross-functional teams and implemented data security protocols to ensure efficient data protection

PROJECTS

Sales Data Analysis using PowerBI and Azure Cloud Services

- Developed Azure SQL Database for offline store to simplify and automate data storage
- Created interactive, dynamic PowerBI dashboard seamlessly connected to Azure database to analyze product category sales and profit over time
- Resulted in improved ease-of-life for store, positively impacting data retrieval speeds

Credit Risk Analysis and Scoring driven by PowerBI and Machine Learning

- Conducted exploratory analyses of European companies dataset via PowerBI to identify key drivers influencing MScore rating
- Key features included Return on Equity, Total Assets, EBIT and Company Turnover
- Implemented Random Forest Classifier to predict MScore ranging from AAA to D

CERTIFICATIONS

Finance Fundamentals

July 2025

GMAC

Data Analyst Associate in SQL

July 2025

DataCamp

Google Business Intelligence

Oct 2024

Google Professional Certification