

YASH ASHISH PARTE

📞 908-549-2980 ✉ yp296@njit.edu  [linkedin.com/in/yash-parte](https://www.linkedin.com/in/yash-parte)

EDUCATION

New Jersey Institute of Technology

Masters of Science in Data Science, GPA: 3.50/4

September 2022 – May 2024

Newark, New Jersey

Lovely Professional University

Bachelor of Technology in Computer Science and Engineering, GPA: 3.33/4

July 2018 – July 2022

Punjab, India

ACADEMIC EXPERIENCE

EXPERTRONS

January 2022 – April 2022

Data Science Intern

Mumbai, India

- Analyzed sales data of products using descriptive statistics, visualizations using Tableau, and statistical models to increase sales by 11%
- Designed micro services and RESTful APIs for a back-end based application and optimized complex database queries to manage company restructuring, achieving a reduction in time by 25% and emitting important metrics to cloud watch on AWS using AWS Glue
- Executed SQL scripts involving complex stored procedures, joins, and advanced functions to optimize querying performance and increase application response time by 15%
- Optimized data analysis in Excel and SQL, achieving precision in analyzing sales and performance-based metrics and reducing analysis time from 14 to 10 days
- Practiced cost-benefit analysis across various Facebook ad campaigns with the Marketing Team by analyzing and diagnosing campaign performance, resulting in a 12% increase in profitability using Tableau
- Charted time series forecasting of production target using historical sales data with 90% accuracy at Expertrons, daily worth Rs.1M
- Resolved client's data migration problem, engineered algorithm, removed redundancy in code and data, implemented DataFrames to produce outputs
- Remodeled backend code to migrate daily telemetry data from server to cloud

ACADEMIC PROJECTS

LinkedIn Profile Analysis | *Data Analysis, Python, Tableau, MS Project, Agile(Scrum)*

January 2023

- Modeled user's network by 50% on LinkedIn by measuring the size of their network, the number of connections in different industries or locations, and the degree of connectivity between those connections
- Scrutinized a cross-functional team of 5 members as a Scrum Master for a LinkedIn profile analysis project using Tableau for visualizations, delivering the project within 6 weeks

TikTok Data Science App | *API, JSON, ETL Pipeline, Data Wrangling*

December 2022

- Deployed the tool using Streamlit, allowing users to interact with the app and visualize the data. The tool has been used to extract and analyze data from over 10,000 TikTok videos to date
- Designed a highly advanced TikTok analytics tool using Python that enables users to accurately extract and analyze data based on hashtags with a success rate of 95%

NFL Football Modeling | *MySQL, Machine Learning, Scikit learn, Google Colaboratory*

December 2022

- Aggregated and prepared NFL fantasy football projection data from 8 independent sources for 6 years into MySQL database, resulting in a 78% enhanced winning streak
- Built a random forest model in scikit-learn that combined disparate sources into one projection, improving the mean absolute error of projections by 14%

Sentiment Analysis on Yelp Dataset | *Data Exploration, Data Modeling, vaderSentiment, Sklearn*

November 2022

- Classified sentiments by performing sentiment analysis on 10,000 Yelp customer reviews, constructing a robust classifier to predict sentiments in unseen reviews accurately
- Created word clouds and probed customer reviews, providing valuable insights, and programmed linear models for text quality using TF-IDF and Lexical Diversity to explore the data

TECHNICAL SKILLS

Languages: Python, Java, SQL, Scala, R

Data Science: Applied Statistics, Data Analytics, Machine Learning, Deep Learning, Data Pipeline, NLP, Big Data, TensorFlow, Tableau, PowerBI

Developer Tools: Jupyter Notebook, Microsoft SQL Server, MySQL, Spark, Kafka, BODS, Git, Docker, GitHub, JIRA, Microsoft Office Suite, IBM SPSS, AWS Cloud(RedShift, DynamoDB, Cloudwatch, Glue)

Soft Skills: Critical and Positive Thinking, Leadership, Stress Management, People and Interpersonal skills, Adaptability, Storytelling, Business Acumen