

# REVANTH R

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## Education

### Coimbatore Institute of Technology

Sep. 2019 – May 2024

Master of Science in Data Science

Coimbatore, Tamilnadu

- Data Structures
- Deep Learning
- Artificial Intelligence
- Image Processing
- Software Methodology
- Database Management
- Machine Learning
- Computer Architecture

## Experience

### GeakMinds

July 2024 – present

Data Scientist

City, State

- Built and retrained models for Customer Health Score specific to the product lifecycle phase (LBGUPR) by identifying key features through predictive analytics.
- Analyzed telecom records using Azure Databricks, PySpark, and Azure Data Explorer, delivering insights to improve customer retention strategies and customer satisfaction by providing personalized recommendations. 15%.
- Developed a model to predict Net Promoter Score (NPS), leading to 10% improved customer satisfaction.
- Developed a large language model (LLM)-based recommendation system targeting customers who have churned and customers with low customer satisfaction scores by providing actionable insights .

### Bosch Global Software Technologies

Jan 2024 – May 2024

Data Science Intern

Pune, Maharashtra

- Developed two highly automated applications (90% automation) to streamline and accelerate the calibration team's workflow, significantly reducing manual effort and processing time.
- Enhanced traditional data processing methods, reducing overall processing time and manual work by 80%, thereby increasing productivity and accuracy within the calibration team.
- Collaborated with the calibration team to understand their data requirements and implemented solutions to automate repetitive tasks.

### Bosch Global Software Technologies

July 2022 – Nov 2022

Project Trainee

Coimbatore, TamilNadu

- Actively participated in EVM (Electronic Control Module) board bring-up activities for auto motive vehicles, ensuring seamless integration and functionality.
- Diligently monitored and analyzed board performance and collaborated with cross-functional teams to streamline processes, enhancing project success and customer satisfaction.
- Leveraged Robot Framework to automate the execution of test cases for acceptance testing, reducing manual effort by 90% and enhancing testing accuracy.

## Projects

### Olympic Data Analytics | Pyspark, Azure Databricks, Microsoft Azure Cloud Console

August 2024

- Analyzed historical Olympic data covering athlete performance, medal counts, event categories, and country participation across multiple years.
- Developed an end-to-end data pipeline using Azure Data Factory to ingest data into Data Lake Gen 2.
- Utilized Azure Synapse Analytics for data warehousing and Azure Databricks with PySpark for processing and analysis.
- Generated insights on country-wise performance trends, athlete statistics, and event popularity.

### NBA Player Position Prediction | Python, Machine Learning

January 2024

- Developed a Machine Learning model to predict NBA player position based on their statistics.
- This prediction helps in setting up the lineups like Which players can play multiple positions, or which players could see success trying their hand in a new role.

## Technical Skills

Languages: Python, C++, MySQL

Data Engineering: Apache Spark, Apache Hadoop, PySpark, Azure Databricks

Data Science: Machine Learning, Deep Learning, NLP , Microsoft Power BI

Developer Tools: VS Code, Microsoft Azure

Technologies/Frameworks: Linux, GitHub , Django

## Certificates / Achievements

- \* **Hacker Rank** Awarded a 5 star gold badge in SQL.
- \* **Competitive Programming** Successfully solved 200+ algorithmic problems on LeetCode and GeeksforGeeks.