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Education

Hindustan Institute of technology and Science

Bachelor of Science in Data Science - With Cgpa 9.4

oct. 2022 – june 2025

Chennai, Tamil Nadu

Rahmaniya Hss for handicapped

Class 12 in PCM+Cs - With overall percentage of 97.4

june. 2019 – may 2021

kozhikode, Kerala

Relevant Coursework

- | | | | |
|------------------------|---------------------------|-------------------------|----------------------|
| • Data Structures | • machine learning | • Data visualization | • Big Data Analytics |
| • Statistics | • Artificial Intelligence | • Computer Architecture | • Web scraping |
| • Time series Analysis | • Computer vision | • Data Security | • Computer networks |
| • Deep learning and | • Data Analysis | • Business Intelligence | • ETL |

Projects

Telecom Churn Prediction | Python, deep learning, Azure, SQL, Tableau

October 2024

- Developed a Recurrent Neural Network for customer prediction using Python, then deployed via an Azure pipeline using Synapse Analytics and ML Studio, achieving 85% accuracy.
- Designed a dynamic, real-time Tableau dashboard for visualizing factors, enabling real-time updates and increasing user churn prediction in real-time, hoping to improve customer retention by at least 30%.

Fraud Detection Using SQL | SQL, Postgres SQL

December 2023

- Implemented mini projects using PostgreSQL to address nearly 20 KPIs. Fraud detection involved analyzing transaction data to spot suspicious patterns. Leveraged SQL for efficient anomaly detection and fraud flagging through pattern matching, statistical analysis, and real-time monitoring. These insights enhance organizational risk mitigation and security measures. .

Good Reads Analsis Dashboard | Tableau

October 2020

- Analyzing book sales by genre, author, and language reveals key market trends and reader preferences. Mystery and Thriller genres lead in sales, with Romance and Science Fiction also growing. American authors dominate best-seller lists, while English remains the most popular language. These insights guide strategic decisions for publishers and authors..

Sentimental Analysis | python, web scraping, Machine learning

October 2024

- Conducted a sentiment analysis on customer reviews of Air India, using data obtained through web scraping. The model, with an accuracy of 84%, effectively classifies comments into good, bad, and neutral categories. This analysis provides valuable insights into customer satisfaction and areas for improvement.

AI Price Negotiating | Python, Artificial Intelligence (Gemini 1.5 Flash)

September 2024

- Created a Price Negotiating Chatbot using Gemini AI Studio API. The model can receive inputs such as the product, quantity, and payment details to negotiate a fair price. If the negotiation does not result in an agreed price, the model will take the final feedback as input and perform a sentiment analysis.

Technical Skills

Languages: Python, R, C, C++, SQL

Analytical Tools: Tableau, Power BI, Azure ML studio, Gemini AI Studio, Azure Synapse analytics, Ms-Excel

Libraries/Frameworks: Numpy, Pandas,sci-kit learn, Matplotlib, Seaborn, Tensorflow, beautiful soup, selenium,ggplot2,dplyr,tidyr,caret,caret,pyspark

Experience

Data Analytics Traineeship

january 2024

Med Tour Easy

- I completed a four-week internship in Data Analytics with MedTourEasy, where I gained essential skills in data cleaning, problem solving, critical thinking, data ethics, and data visualization. I learned to use tools like Presentations, Spreadsheets, SQL, Tableau, and R Programming. The program covered foundational topics, data preparation, analysis, and visualization, culminating in a capstone project. I received a certificate of completion and a letter of recommendation.

License and Certifications

Google Advanced Data Analytics Specialization

December 2024

Coursera

Credential ID - 1WKMF0U7B8TC

- * I completed the Google Advanced Data Analytics Certification to enhance my skills in statistical analysis, Python programming, and machine learning. The course included hands-on projects using tools like Jupyter Notebook, Tableau, and Kaggle, providing practical experience. I also learned about regression models, predictive modeling, and exploratory data analysis, which prepared me for advanced roles in data analysis and data science.

Google Business Intelligence Specialization

December 2024

Coursera

Credential ID - GNH5531HVTV3

- * Completed extensive one-month job-ready Google Career Certificate training. Demonstrated hands-on experience with core BI practices and tools, including Google DataFlow and Tableau. Confidence in ETL and data modeling processes for extracting data from operational/transactional databases, transforming it into a usable form. Experienced creating and maintaining dashboards and effectively communicating data insights to stakeholders. Fluency in computer programming languages and a solid understanding of databases.

Google Data Analytics Certification

November 2021

Coursera

Credential ID - FLTACSXG2Y7V

- * Gained proficiency in data cleaning, analysis, and visualization using tools like SQL, R, and Tableau. Developed skills in data-driven decision-making and storytelling with data. Completed hands-on projects that enhanced my ability to derive actionable insights from complex datasets.

Data Science and Machine Learning Internship Program

November 2023

Edureka

Credential ID - GMLX9LVGE

- * Completed a six-month internship in Data Science and Machine Learning with Edureka, gaining hands-on experience in data preprocessing, model building, and evaluation using Python and Scikit-learn. Developed and deployed machine learning models on Azure, and created interactive dashboards using Tableau and Power BI. Worked on projects like Sentiment Analysis on Social Media Data, Movie Recommendation System, and Customer Churn Prediction. Enhanced skills in ETL processes, data modeling, and effectively communicating data insights to stakeholders.

Machine Learning

January 2024

Internshala

Credential ID - ftif0v0fhyl

- * Developed and implemented machine learning algorithms to solve business problems. Enhanced skills in data visualization and reporting using Power BI.

Essential Causal Inference Techniques for Data Science (Guided Project)

December 2022

Coursera

Credential ID - KKBHTV66F3BS

- * Learned and applied causal inference techniques to understand the impact of interventions in data science projects.

Programming for Everybody (Getting Started with Python)

December 2021

University of Michigan-Coursera

Credential ID - 7JW7ZXB2QFSR

- * Acquired foundational skills in Python programming, including data structures, functions, and basic algorithms.

Quantitative Research Job Simulation

July 2024

JPMorgan Chase & Co.-Forage

Credential ID - PaizrqJwAiCr3DS7R

- * Simulated real-world quantitative research tasks, including data analysis and financial modeling. Developed skills in using statistical methods to solve complex financial problems.

Data Visualization: Job Simulation

July 2024

Tata Group-Forage

Credential ID - k9PQXJCbqxY2TeuHG

- * Completed tasks focused on creating impactful data visualizations to drive business insights. Enhanced proficiency in using Tableau and other visualization tools.

AZ-900 Preparation

July 2024

Udemy

Credential ID - UC-7353631c-8c3e-4e7c-9433-3231019635e7

- * Prepared for the Microsoft Azure Fundamentals certification exam. Gained a solid understanding of cloud concepts, Azure services, and cloud security.