Aryan Aryashrestha

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EDUCATION

Manipal University Jaipur   Rajasthan, India

BTech Data Science and Engineering - 8.41 CGPA   Sep 2021 - July 2025

SKILLS

A/B Testing • Data Analytics • Data Science • Data Visualisation • Deep Neural Networks • Machine Learning • Alteryx • Power BI • SQL • Python • R • AWS-Redshift • Linux • Git & GitHub

WORK EXPERIENCE

Rocket Learning   Remote

Data Intern   May 2024 - July2024

• Led product analytics for a new vertical focused on early stimulation for children under 3 years, diving in-depth analysis for the first-ever pilot run across 2 states and 600 families

• Collaborated with and presented findings to founders and project leaders on product, operations, and impact evaluation

• Developed pipelines and dashboards to track key metrics; analyzed data to enhance user activation to 80%+, engagement to 40%+ and retention

• Conducted regression analysis on child development outcomes, demonstrating a positive impact from the program

PROJECTS

EEG-Seizure Detection Model using Deep Learning

• Neural network-based classification model for prediction.

• Applied various tools such as Exploratory data analysis, feature extraction, neural networks, statistical

analysis and visualization.

• Applied various neural network models like CNN and DenseBlock and compared their accuracy for

better results.

AI-Chess Bot

• Designed a Chess Bot that makes a legal and optimal next move.

• Designed an interface for user interaction with the bot.

• Works on minimax with alpha-beta pruning algorithm and is optimized for horizon effect.

• Integrated Stockfish-chess engine for training the bot.

E-Commerce Website A/B Test

• Designed and performed A/B test for addition of new features in the website.

• Performed EDA and thereafter the test.