Candidate_1

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EDUCATION

ESCP Business School Paris, France| Berlin, Germany

M.Sc. in Big Data and Business Analytics Sept. 2022 – Feb 2024

• Concentration in Advanced Statistics, Data Science & Analytics, Data-Driven Business Strategy; GPA: 3.8/4.00

• Merit Scholarship holder for Academic Excellence of enrollment in ESCP Europe Alumni Foundation.

• Most Innovative Methodology winner for ESCP Hackathon.

• Prototyped the Winning Solution to Increase Cultural Revenue at the Olympics 2024 in ESCP x IBM Design Thinking Course.

• Thesis: "Predictive Model Personalized Healthcare System using Big Data Analytics."

The NorthCap University Haryana, India

Bachelor of Technology in Computer Science Engineering July 2018 – Jun 2022

• Specialization in Data Science and Artificial Intelligence; GPA: 3.7/4.00

• Student Technical Ambassador of the University

• Innovative award winner of Alibaba Cloud GlobalAI Innovation Challenge.

Relevant Coursework: Data Science, Statistical Analytics, Machine Learning, Data Analytics and Visualization, Data Mining, Financial Analytics, Big Data Analytics, Consumer Insights & Analytics, NLP, Digital Transformation, Data Mining, Deep Learning, Database Management System.

WORK EXPERIENCE

Ernst & Young Haryana, India

Data Analyst Intern May 2021 – July 2021

• Achieved an improvement in data accuracy by 20% by conducting Extract, Transform, Load (ETL) processes and validating diverse data sources, ensuring data quality, accuracy, completeness, consistency, and integrity.

• Enhanced accurate predictions for customer needs by 10% through the analysis and interpretation of integrated datasets using advanced analytical tools such as MS Excel and Alteryx, uncovering key trends, patterns, and insights.

• Boosted client satisfaction and engagement by 15% by developing visually captivating Power BI dashboards and comprehensive reports that effectively conveyed business insights.

• Leveraged analytical and problem-solving to handle ad hoc requests, ensuring timely delivery of high-quality outputs.

Verzeo Edutech Haryana, India

Machine Learning Intern (Python) May 2020 – July 2020

• Optimized machine learning models such as regression, classification, and clustering for large-scale and complex datasets, resulting in a 15% increase in model accuracy through feature selection and hyperparameter tuning using Python.

• Strategically resolved data quality challenges, optimizing model performance and achieving a 25% error rate reduction through meticulous data preprocessing and critical analysis.

• Reduced data preparation time by 30% while enhancing overall workflow by successfully implementing an automated data preprocessing pipeline.

Projects

Optimizing Product Categorization for Criteo x ESCP Hackathon - Winner | GitHub

• Led a team of 5 members in developing a Multi-Class Neural Network model using Keras and PyTorch to automatically categorize thousands of consumer products into a Universal Product Catalogue of Criteo, resulting in improved efficiency and accuracy in mapping consumer products.

• Researched and analyzed the optimal number of neural network layers, along with meticulously chosen hyperparameters, to maximize the model's performance and accuracy in product classification and mapping.

Cardiovascular disease Diagnosis using Python (AI in Business Environment) | GitHub

• Conducted comprehensive analysis using Pandas and Data Visualization with matplotlib to preprocess and explore patient medical data.

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Implemented classification machine learning models from Scikit-learn to predict the presence of heart disease, resulting in improved healthcare outcomes by providing timely and accurate diagnoses, reduced costs, and enhanced patient satisfaction.

Video Game Sales (Data Visualization with Tableau) | GitHub

• Visually highlighted market trends, sales performance, and player insights in the dynamic video game industry enhancing understanding of key factors influencing game sales.

SKILLS/LANGUAGE

Programming: Python, R, SQL, C++ Tableau, Power BI, MS Azure, GCP, Knime, Dataiku

Packages: NumPy, Pandas, Matplotlib, Plotly, Seaborn, Scikit-learn, PyTorch, TensorFlow

Languages: English (Fluent), French (A2), German(A2)