Ajay Nehra

Contact Information

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Summary

Data scientist with expertise in the development and deployment of data-driven solutions across industries. Highly skilled in Python, R, SQL, and cloud technologies (Databricks, Azure, and AWS). Strong analytical and critical thinking skills.

Education

Bachelor of Technology in Civil Engineering, Indian Institute of Technology (IIT), Kanpur   Jul 2010- May 2014

Work Experience

McKinsey & Company, Specialist, Data Sciences   Nov 2019-Present

- Leveraged machine learning algorithms to uncover price patterns and opportunities for revenue and profit optimization.
- Led the development and deployment of pricing models and profit optimization solutions for CPG clients.
- Collaborated closely with cross-functional teams and stakeholders to translate business requirements into technical solutions, ensuring alignment with sales and marketing strategies.

EY (Ernst & Young), Senior Consultant, Data Sciences   Oct 2017-May 2019

- Trained and deployed credit scoring models by implementing logistic regression, random forests, and gradient boosting to assess creditworthiness and enable informed lending decisions for banks in Dubai, Abu Dhabi, Kuwait, Qatar, and Bahrain.
- Created ETL pipelines to automate the regulatory requirements of banks and internal reporting.

MasterCard Advisors, Data Scientist   Jan 2016-Jun 2017

- Developed data-driven solutions for banks and merchants by training machine learning models on transactional data.
- Acquired knowledge of big data technologies and cloud computing frameworks due to the high volume and velocity of data.

Fractal Analytics, Business Analyst   Jul 2014-Dec 2015

- Marketing mix modeling using Log-Linear model to assess the relative effectiveness of different marketing events and channels.

Skills

- **Programming Languages:** Python & PySpark, R, SQL, C
- **Cloud Technologies:** Databricks, Azure, AWS
- **Core Engineering:** Probability & Statistics, Linear Algebra, Numerical Methods for Computation
- **MLOps:** Git, Docker, Jenkins, Jira, Confluence

Achievements

- All India Rank 1771 in IIT JEE 2010 (top 0.4%) and 2575 in AIEEE 2010 (top 0.3%)
- Filed 6 patents on payment systems technologies and solutions in Mastercard Advisors