

Ajay Nehra

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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

Indian Institute of Technology (IIT), Kanpur
Bachelor of Technology in Civil Engineering

Jul 2010 - May 2014

Work Experience

McKinsey & Company, Specialist-Data Sciences

Nov 2019 to 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 to May 2019

- 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 to 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 to Dec 2015

- Conducted marketing mix modeling using Log-Linear model to assess the effectiveness of 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