

KOUSHIK KHAN

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OBJECTIVE

A seasoned data scientist having over eight years of expertise in developing data-driven solutions, adept at data mining, predictive modeling and data visualization as well as in scripting languages like Python and R. Seeking to leverage skills to address diverse business challenges and drive actionable resolutions in a dynamic professional environment.

PROFESSIONAL EXPERIENCE

Principal Data Scientist

S&P Global Inc.

Aug 2021 - Till Date

Bangalore, India

- Directed a team in building vital data pipelines and APIs essential for the core functionalities for maritime trade products.
- Boosted team efficiency by 70% via manual task replacement and technical issue resolution by devops and automation.
- Acquired proficiency in managing multiple clients, creating analytical reports and product demos.
- Leveraged analytical skills to develop predictive models for forecasting ship emissions and its environmental impacts.
- Collaborated on ML models to identify dual-use goods in bill-of-lading descriptions, facilitating our banking clients.

Methods & Tech stacks used: Machine Learning, Python (PySpark), SQL, PowerBI, DevOps, AWS

Data Scientist

IBM India Pvt. Ltd.

Oct 2016 - Jul 2021

Bangalore, India

- Orchestrated an automated system streamlining tech support ticket analysis, significantly improving team efficiency.
- Accomplished an average 10% sales growth, across markets, using Market-Mix-Model derived from sales and ad data.
- Conceived and built a banking FAQ retrieval system, outperforming traditional keyword-based models.
- Was instrumental in crafting text cleaning processes for IBM Watson text classification API.

Methods & Tech stacks used: Text Mining with ML, Regression (MMM), Latent Semantic Indexing, Python

Junior Data Analyst

BCausE Enterprise Pvt. Ltd.

Oct 2015 - Aug 2016

Noida, India

- Collaborated on identifying the consumer base for an in-house product by developing a customer segmentation model.
- Facilitated my team by developing automation tools for periodically scrapping data from web pages.

Methods & Tech stacks used: Clustering, SQL, Python (BeautifulSoup)

SKILLS

Languages & Frameworks

Python, R, PowerBI, PySpark, Polars, Tensorflow, SQL, Shell Scripting, Azure DevOps

Predictive Modeling

Statistical Modeling, Machine Learning, Text Mining, Time Series Forecasting etc.

Soft Skills

Teamwork, Adaptability and Time Management

EDUCATION

M.Sc, Statistics: (CGPA 8.43), Visva Bharati University, West Bengal, India

2013 - 2015

B.Sc, Statistics: (CGPA 8.26), Visva Bharati University, West Bengal, India

2010 - 2013

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure AI Fundamentals
- [Microsoft Certified: Azure Data Scientist Associate](#)

EXTRA-CURRICULAR ACTIVITIES

- Authoring technical articles for my [blog](#) as well as other platforms.
- Exploring and learning new things to keep myself up-to-date.