

KOUSHIK KHAN

+91 (750) 192-3251 ◇ Bangalore, India

koushikkhan38@gmail.com ◇ [linkedin.com/in/koushikkhan](https://www.linkedin.com/in/koushikkhan) ◇ koushikkhan.github.io

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.

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

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

EXPERIENCE

Principal Data Scientist Aug 2021 - Till Date
S&P Global Inc. *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 Oct 2016 - Jul 2021
IBM India Pvt. Ltd. *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 Oct 2015 - Aug 2016
BCausE Enterprise Pvt. Ltd. *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)

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.