



DATA SCIENTIST | DATA DETECTIVE | BOFA

PRAKASH TIWARI

- Master of Science in Machine learning and AI from LJMU
- Certification in Machine Learning with cloud from IIT Madras
- Certification in udeemy courses for Feature engineering, NLP, ML with imbalanced data and pyspark

PERSONAL PROFILE

Data Scientist with 11+ years of experience in BFSI, Healthcare & Aviation. Expertise in predictive modeling, data-driven decision-making, and AI-based automation. Passionate about solving complex business challenges using ML & AI.

SKILLS AND RATING

Proficient in

- Python
- SQL
- Data science, ML Algo

Intermediate in

- MS Excel
- Big Data (HiveQL, PySpark)
- Jupyter, Spyder, VS code

Domain :

- BFSI, Aviation and Healthcare

OTHER SKILLS/ACHIEVEMENT

- The ability to analyze complex technical Problems
- Have Affinity for Maths/Facts and figure/Number
- Can analyze, design and implement database structures
- Detail oriented
- Excellent problem solver

HOBBIES

- Following Cricket and cricket related facts.
- Stock market analysis & portfolio management.

KEYWORDS

- certified AI Engineer
- 11+ years years of experience
- Banking and financial
- Aviation industry
- Healthcare
- LJMU, Liverpool, MS

GET IN CONTACT

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WORK EXPERIENCE

DATA SCIENTIST

Bank of America, Gurugram | 2022 – Present

- Developed a model to link business names with global customer identifiers using string-matching algorithms, resulting in a savings of over 2,000 man-hours per year.
- Built an application leveraging FINBERT to predict sentiment scores for financial data, enhancing analytical insights.
- Created a Streamlit application to extract business names from cheques, streamlining data processing and automation, saving 500 man-hours per year.

TECHNICAL LEAD II

CitiusTech Healthcare, Pune | 2021 – 2022

- Developed a model to predict negotiation success, enabling better decision-making in deal closures.
- Built a regression model to estimate potential savings in successful negotiations, optimizing cost forecasting.
- Designed and deployed a Streamlit-based web application to generate arbitration documents for claims, streamlining the documentation process.
- Created and implemented claim negotiation models to determine provider matching, reducing manual effort and cutting operational costs.

MODULE LEAD

Sopra steria pvt ltd, Noida | 2018 – 2021

- Designed a solution to consolidate flights during COVID-19 phase to optimise the cost incurred. This was a Big Data analytics project.
- Developed a system for reporting weekly Booking report. The reporting system automatically emails reports to Business teams for updates. The technology used were Python, SQL Server.
- Developed a ML model to identify if selling Cabin Bag will be beneficial on certain routes.
- SQL Performance Tuning. Writing reporting queries/stored procs/triggers/functions in MS SQL Server 2012.
- As in a team I am involved in Application Development, Unit /integrated Testing and supporting of VB6 applications/database instance.

ASSOCIATE

Cognizant Technology Solutions, Bangalore | 2014 – 2018

- Data scientist.
- SQL Server/MySQL, Excel, Python, AWS,hadoop,Machine learning algorithms, Logistic regression, Decision Tree, Random Forest, K-Means clustering and Apriori.
- Data Science Lifecycle (DSLCL), Agile, Scrum methodologies of project management.
- Data modeling, Data visualization, Quantitative analysis, Inferential statistics, Data analytics and Mathematical analysis.

EDUCATION HISTORY

LIVERPOOL JOHN MOORE’S UNIVERSITY, LIVERPOOL

Master of science in Machine learning with 64%, 2023

JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA

Bachelor of Technology with 67%, 2013

ARMY PUBLIC SCHOOL, LUCKNOW

Intermediate with 71 %, 2008

ARMY PUBLIC SCHOOL, LUCKNOW

High School with 79%, 2006

REFER CERTIFICATES

- IIT Madras certification in Advanced machine learning and cloud