


NEHA ARORA

2103.neha@gmail.com 

www.linkedin.com/in/neha-arora-40665559 

+91 - 9810394907 

DATA SCIENCE | ANALYTICS

PROFESSIONAL SUMMARY

Experienced and results-driven **data scientist** with a proven ability to solve complex problems through **critical thinking, analytical skills, and data-driven insights**. Adept at **statistical modeling, machine learning algorithms, and data visualization techniques** to drive business growth. Skilled in **Python, R, SQL**, and other key tools for **data analysis, manipulation, and decision-making**. Demonstrated success in **leading data science projects** from conception to deployment, **collaborating** with cross-functional teams to **implement scalable solutions**. Passionate about leveraging innovative methodologies and staying at the forefront of advancements in data science and AI to drive continuous improvement and efficiency.

SKILLS & TOOLS

Programming: SQL, Python (Base, Pandas, Numpy, Matplotlib, Scikit-Learn), R, SAS
Machine Learning: Linear Regression, Logistic Regression, Decision Trees, Random Forest, KNN, k-means, PCA, Association Rule Learning
Database Technologies: Oracle, MySQL, MongoDB
Big Data Frameworks: Hadoop, Hive, Impala, Spark
Cloud Platforms: Azure Databricks, AWS, Cloudera
Data Visualization Tools: Microsoft Excel, Tableau, Microsoft Power BI

EXPERIENCE

Associate Principal Data Scientist - Definitive Healthcare

JULY 2023 - PRESENT

- Conducting advanced data analysis and modeling using statistical techniques and machine learning algorithms.
- Deploying and managing analytics solutions in AWS and Azure environments for scalability and efficiency.
- Acting as a technical liaison with clients, translating business requirements into analytics tasks.
- Leading data preprocessing, feature engineering, and model development, ensuring adherence to project timelines and quality standards.
- Providing technical leadership and mentorship to junior team members, fostering a collaborative and knowledge-sharing environment.
- Staying updated on the latest advancements in analytics technologies and methodologies to drive innovation and efficiency.

Senior Consultant - IQVIA


MARCH 2019 - JULY 2023

- Collaborated with stakeholders to understand business challenges and transformed them into solvable mathematical problems.
- Developed and executed strategies to enhance operational efficiency and achieve superior outcomes.
- Led teams through planning, development, and delivery of analytic projects from inception to completion.
- Conducted data exploration, preprocessing, feature selection, and model optimization using various statistical modeling methods.
- Applied proficiency in machine learning algorithms to effectively resolve business challenges.

NEHA ARORA

2103.neha@gmail.com 

www.linkedin.com/in/neha-arora-40665559 

+91 - 9810394907 

DATA SCIENTIST

EXPERIENCE (CON'T)

Senior Consultant - Harman Connected Services

MARCH 2018 - MARCH 2019

- Engaged in close collaboration with clients to comprehend their business needs and formulate analytical solutions yielding tangible outcomes.
- Spearheaded problem definition, solution structuring, and project execution within established timeframes and methodologies.
- Directed team members, establishing goals, supervising execution, and assessing performance to ensure project success.
- Offered strategic guidance and delivered actionable insights to address intricate challenges crucial to clients' success.
- Demonstrated proficiency in data analysis, modeling, and visualization, employing advanced methodologies to facilitate informed decision-making.

IT Analyst - Tata Consultancy Services

DECEMBER 2012 - DECEMBER 2017

- Contributed to team efforts in analyzing IT requirements and aligning them with business goals.
- Conducted data analysis to detect trends, patterns, and areas necessitating system enhancements.
- Supported the development and implementation of solutions aimed at business problems.
- Present findings to stakeholders in effective and structured manner.
- Generate easy-to-understand qualitative/quantitative reports to communicate key insights.

EDUCATION

Professional Certificate Programme in Data Science for Business Decisions

2023 - 2024 - Indian Institute of Management Kozhikode

Master of Computer Applications

2009 - 2012 - Bharati Vidyapeeth Institute of Computer Applications & Management, Affiliated Under Guru Gobind Singh Indraprastha University, Delhi

CERTIFICATIONS

Applied Data Science Lab, WorldQuant University
HackerRank Certified in SQL (Basic, Intermediate and Advanced)
SAS Certified Base Programmer for SAS 9
Oracle Database SQL Certified Expert
Lean Six Sigma Green Belt
ITILv3 Foundation