

Sanket Sharma

Data Scientist

Experienced Data Scientist with a proven track record of building high-performance models for banking clients. Skilled in Predictive Modeling and Statistical Analysis using Python Machine Learning libraries. Passionate about using data-driven insights to solve complex business problems.



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WORK EXPERIENCE

Data Scientist (Assistant Manager)

Genpact

04/2022 - Present

Achievements/Tasks

- Led a team of 5 developers to deliver 3 high-quality Data Science solutions within 6 months, resulting in a 15% increase in customer satisfaction ratings and a 20% increase in repeat business.
- Collaborated with cross-functional teams to ensure on-time delivery of software products, resulting in a 25% decrease in average project completion time and a 10% increase in customer retention.
- Mentored and coached team members on best practices, software design principles, and emerging technologies, resulting in a 30% increase in team productivity.
- Developed and implemented a Payment Fraud detection random forest model for a banking client, resulting in a 65% reduction in False positive rate and a 40% increase in the productivity of risk analysts, saving around 80 hours monthly.

Data Scientist (Apprenticeship)

Natwest Group

06/2021 - 03/2022

Achievements/Tasks

- Developed a machine learning classification model using Python ML libraries that reduced the False Positive Rate (FPR) for High-Risk reviews by 60%, resulting in a significant increase in efficiency and cost savings for the AML team.
- Collaborated with diverse teams and stakeholders to tackle complex analysis problems using large data sets from various departments within the bank, resulting in successful identification of actionable insights and improved business outcomes.
- Utilized scientific rigor and statistical methods to evaluate and enhance existing business processes and products, leading to a measurable improvement in efficiency, productivity, and customer satisfaction.

Senior Analyst

Natwest Group

01/2016 - 03/2022

Achievements/Tasks

- Spearheaded the development of automated reporting solutions utilizing Python, SQL, and Bash scripts, resulting in a reduction of 80% in manual effort and a savings of over 1000 hours annually.
- Successfully collaborated with product owners and subject matter experts (SMEs) to gather requirements and recommended solutions that resulted in a 50% increase in report accuracy and a 30% reduction in report preparation time.
- Conducted comprehensive training sessions for junior team members on process workflows, data analytics, Python, and SQL, resulting in a 40% improvement in their reporting skills and a 20% increase in overall team productivity.

SKILLS

Python : Numpy, Pandas, Matplotlib, Seaborn, Scikitlearn

SQL

Bash

Git

Jira

Machine Learning

Predictive Modeling

Statistical analysis

Data Visualization

Project management

Automation

CERTIFICATIONS

Machine Learning Skill Assessment Badge/Linkedin (2022)

- <https://www.linkedin.com/skill-assessments/Machine%20Learning/report/>

Green Belt Certification/ Genpact (2022)

- https://drive.google.com/file/d/1zYQC5YiRu7ORZIEhkGbVz_LnZUdJrjvG/view

SQL Skill Certification/Hackerrank (2022)

- <https://www.hackerrank.com/certificates/c0a39206cabc>

Python Skill Certification/Hackerrank (2022)

- <https://www.hackerrank.com/certificates/dff9b41a6f87>

EDUCATION

MBA (Finance)

GGSIU/Delhi

08/2013 - 07/2015

BSC (Computer Science)

University of Delhi/Delhi

07/2010 - 06/2013

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Machine Learning

Artificial Intelligence

Poetry

Marvel Movies

Sci-fi Web Series