

Deepak Mittal

Data Scientist

As a seasoned data scientist, I bring a comprehensive skill set encompassing data analysis, machine learning, and statistical modeling. With a proven ability to extract meaningful insights from large datasets, I excel in designing and implementing advanced analytical solutions to address complex business challenges.



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GHAZIABAD

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github.com/DEEPAKMUTTAL7

WORK EXPERIENCE

Senior Software Engineer KPIT

09/2023 - Present

Delhi, India

Achievements/Tasks

- Spearheaded a Data Computation project, processing and transmitting data to a collaborating team for visualization, involving the analysis of 500,000 user records.
- Contributed to disseminating actionable insights derived from extensive data analysis, enhancing decision-making processes within organization.
- Utilized Python and PostgreSQL to facilitate seamless data publishing, resulting in better revenue for the company.

Senior Consultant - Package Implementation LTIMindtree

06/2023 - 08/2023

Delhi, India

Achievements/Tasks

- Leveraged Data Science expertise to decipher actionable business insights and optimize operational efficiency.
- Implemented rigorous data analysis techniques to identify and mitigate potential edge case scenarios, significantly reducing error rates to a mere 2%.
- Spearheaded model selection and training processes, enhancing model accuracy to an impressive 89% through iterative refinement and advanced training methodologies.

Consultant LTIMindtree

07/2021 - 05/2023

Mumbai, India

Achievements/Tasks

- Engaged in analyzing business opportunities and studying industry parameters through real-world case studies, honing skills in identifying strategic insights.
- Collaborated with a team to evaluate various machine learning models, gaining practical experience in model analysis.
- Conducted data mining and cleaning tasks, achieving a model accuracy exceeding 90% through rigorous training and processes.

Trainee LTIMindtree

07/2020 - 06/2021

Mumbai, India

Achievements/Tasks

- Acquired practical skills as a trainee in utilizing Power BI to analyze diverse datasets and derive actionable insights.
- Demonstrated proficiency with the OpenRefine tool during my traineeship, effectively managing comprehensive data analysis.

EDUCATION

B. Tech in Computer Science UPES , Dehradun

08/2016 - 05/2020

8.23

SKILLS

Python

Power BI

Machine Learning

Numpy

Pandas

Matplotlib

Seaborn

Scikit-learn

SQL/PLSQL

Jupyter Notebook

PyCharm

ACHIEVEMENTS

Math Mania (11/2016 - 12/2016)

Secured 1st Rank in Math Mania organized by UPES

IGNITE (02/2019 - 02/2019)

Event Head in Tech Fest.

IEEE Computer Society (08/2018 - 05/2020)

Technical Head of Society at UPES.

PERSONAL PROJECTS

Personal Bank Loan (01/2023 - 03/2023)

- <https://github.com/DEEPAKMUTTAL7/Personal-Bank-Loan-Modeling>
- Employed Python alongside prominent data visualization libraries to engineer a robust predictive model for assessing the probability of customer uptake on personal loans.
- Executed advanced supervised machine learning algorithms within the project framework to enhance model accuracy and efficacy.
- Leveraged sophisticated data analysis techniques to develop a comprehensive understanding of customer behavior and loan eligibility factors.

House Prices Prediction (08/2022 - 12/2022)

- <https://github.com/DEEPAKMUTTAL7/RealStatePricePrediction1>
- Employed Python alongside prominent data visualization libraries to engineer a sophisticated predictive model for house price estimation, employing advanced linear regression algorithms.
- Utilized exploratory data analysis techniques to identify crucial features and enhance model accuracy, facilitating precise prediction of house prices.
- Leveraged Python's extensive ecosystem of data manipulation tools to preprocess and engineer features, ensuring optimal model performance in the realm of house price forecasting.

Personal Finance (07/2021 - 09/2021)

- <https://github.com/DEEPAKMUTTAL7/Personal-Finance>
- Utilized Power BI to craft a dynamic project aimed at analyzing individuals' financial well-being, enabling targeted identification of potential customers.
- Implemented advanced data visualization techniques to extract actionable insights regarding individual financial health and behavior.
- Leveraged Power BI's robust analytical capabilities to develop comprehensive reports and dashboards, facilitating informed decision-making in personalized finance strategies.

CERTIFICATES

Python by Google (07/2020 - 08/2020)

<https://coursera.org/share/8d28b990ed5a7d581ed4feed1f96bd34>

LANGUAGES

Hindi

Native or Bilingual Proficiency

English

Full Professional Proficiency