AMBUJ NAYAN MISHRA

My Portfolio

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WORK EXPERIENCE

Techciti Technologies Pvt Ltd   Bengaluru, India
Machine Learning Intern   **Dec 2023**

- Accomplished end-to-end ML project which will predict the flight ticket price on various factors.
- Implemented various ML models and Django framework to do prediction with 80% accuracy.
- Maximized Python libraries **(Python, Django, Pandas, NumPy, Matplotlib, Seaborn, Sk-learn)** for robust analysis.

iNeuron.ai   Bengaluru, India
Data Science Intern   **Jul 2023**

- Executed end-to-end ML projects involving data cleaning and preprocessing efficiency by 20%.
- Conducted exploratory data analysis (EDA) on diverse datasets, enhancing insights and predictive capabilities.
- Developed and fine-tuned ML models including linear regression, logistic regression, decision trees, and random forests with 90% accuracy.

PROJECTS

Hotel Booking   **Aug 2023**
GitHub Repo

- Created a **report** to address a persistent issue of high reservation **cancellations** in hotels using Python J-Notebook & PPT.
- Constructed robust data cleaning techniques, resulting in a **98%** reduction in **missing** values and a **93%** decrease in **outliers**.
- Executed Python to perform in-depth EDA, producing actionable insights and visualizations with more than **10 graphs.**
- Formulated data-driven recommendations that effectively curbed reservation cancellations and increased **revenue by 15%.**

Sales Dashboard   **Sep 2023**
GitHub Repo

- Designed an **interactive** annual **sales dashboard** in Excel to enhance business insights and drive growth strategies for next year.
- Prepared **insightful visualizations** through diverse Excel charts, **pivot tables**, and **Conditional formatting**, leading to a **30% increase** in management's decision-making efficiency.
- Enabled stakeholders to make **data-driven decisions** and contributed to a strategic roadmap that projected a sales **revenue increase of 20%** for the upcoming year.

EDUCATION

Brindavan College of Engineering   Bengaluru, India
- **Master of Computer Applications (MCA) in Computer Science**   **Dec 2023**

International Institute for Special Education   Lucknow, India
- **Bachelor of Computer Applications (BCA) in Computer Science**   **Jun 2021**

SKILLS

Technical Skills-> Python | MS Excel | MySQL | Power Bi | Statistical Analysis | Machine Learning | Data Transformation & Visualization | Power Point |
Soft Skills-> Problem solving | Analytical mindset | presentation & Communication skill | Team work | Continuous learning |

CERTIFICATIONS & ACHIEVEMENTS

- **SQL Certification from GeeksForGeeks**
  Achieved SQL certification, demonstrating proficiency in important database concepts and query languages.
- **SQL & Python (Basic) Certificate from HackerRank**   **Feb 2022**
  Completed basic level certificate in SQL and Python from HackerRank, solved 20+ problems.
- **Python Badge from Cisco**   **Aug 2022**
  Attained badge from Python Institute collaboration with 80% of marks.
- **Machine Learning with Python-Coursera**   **Dec 2021**
  Completed certification in Python programming, demonstrating proficiency in key concepts and skills.
- **CodeChef Globel programming competition**   **Oct 2021**
  Awarded from CodeChef in the global programming competition SnackDown 2021.