

Manita Pasi

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EDUCATION

Northeastern University

Master of Science in Information Systems

Boston, MA

September 2021 - December 2023

Mumbai University

Bachelor of Engineering, Information Technology

Mumbai, India

August 2017 - June 2021

EXPERIENCE

Wayfair

Boston, US

IT Software Engineer Co-op

July 2022 - December 2022

- Designed and deployed an agile-driven data studio dashboard utilizing Git automation and Power BI, achieving a 50% reduction in decision-making time and significantly enhancing stakeholder engagement
- Leveraged analytics in Tableau to innovate user engagement strategies, resulting in a 90% increase in alignment with corporate KPIs, thereby optimizing strategic planning
- Amplified business forecasting models using Python and Azure, enhancing forecast accuracy by 15%, which supported suppliers in strategic capacity planning and streamlined process optimization

Chegg

Mumbai, India

Data Analyst Intern

October 2020 - December 2020

- Spearheaded advanced statistical analytics using Python, SQL, achieving a 25% increase in operational efficiency and catalyzing strategic process improvements in data mining and analysis
- Proficiently utilized Git and Jira for version control and project documentation, effectively managing and expediting a backlog of over 150 tasks, thereby improving cross-functional collaboration
- Streamlined data analysis and A/B testing processes, achieving a 40% increase in processing speed and positively impacting project delivery timelines with enhanced quality assurance protocols

Internshala

Mumbai, India

Data Analyst Intern

August 2019 - December 2019

- Analyzed over 500 unique data sets, increasing pattern recognition by 30% with advanced data mining
- Crafted data-driven presentations using Power BI, Python, and SQL, and optimized ETL processes in Snowflake, contributing significantly to strategic decision-making and effective stakeholder management
- Facilitated system evaluations and implemented agile testing and data handling protocols, achieving 90% data integrity across all tasks and fostering improvements in process design and execution

PROJECTS

CancerInsight: Tumour Classifier | Python, scikit-learn, Matplotlib, Seaborn ([Link](#))

October 2023

- Orchestrated breast cancer dataset, shaping healthcare strategies and refining model accuracy with A/B testing
- Constructed high-fidelity diagnostic models, utilizing enriched data to significantly influence data-driven healthcare decisions and strategic planning

Emotion-Driven Music Recommender: | Python, Computer Vision, NLP, Machine Learning ([Link](#))

October 2023

- Employed Python to architect and deploy a system that leverages computer vision and NLP, complemented by a Streamlit web app for enhanced real-time emotional cue interaction and user experience improvement
- Tailored a 30% increase in user session duration, indicating strong business potential for personalized content delivery and stakeholder engagement

Credit Card Anomaly Detection | Python, Keras, TensorBoard, Deep Learning ([Link](#))

October 2023

- Implemented a fraud detection framework in development with Keras, providing businesses with an analytics tool boasting 92% precision in identifying anomalies and enhancing risk management strategies
- Calibrated the detection threshold using testing protocols, reducing false positives by 18% and bolstering the system's fraud prevention efficacy and process improvement

TECHNICAL SKILLS

Languages & Statistical Tools: Python, SQL, NoSQL, R, MATLAB, Stata, VBA, MS Office, Advanced Excel

Data Management & BI Tools: Power BI, Tableau, QlikView, SAS, Informatica, Talend, Salesforce

Project Management & Agile Tools: Scrum/Agile methodologies, Microsoft Project, Jira

Certifications: IBM Data Science Professional Certificate, AWS Certified Data Analytics