

MANASI PAI

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EDUCATION

New York University, New York, USA

Jan 2022

Master's in Information Systems

Relevant Coursework: Data Science for Business Analytics, Digital Strategy, AI and its Business Applications, Database Systems, Algorithms, Emerging Technology, Decision Model Analytics.

University of Mumbai, Mumbai, India

May 2015

Secured a Bachelor of Engineering in Electronics and Telecommunications with *First Class*

RELEVANT PROFESSIONAL EXPERIENCE

Amperon

Infotech Intern

Jan 2021 – May 2021

- Created APIs to scrap data from given URL using request library, reducing manhours by over **50%**.
- Ensured accuracy of predicted utility consumption of customers by leveraging complex SQL queries.
- Identified and Analyzed energy consumption trends and provided recommendations to optimize business growth.

Aditya Birla Management Corporation Pvt Ltd.

Data Analyst Intern

Oct 2018 – Dec 2018

- Automated manual reading of data from websites using python scripts. Implemented Python to automate continuous integration and deployment of scraped data to the database repository for further analysis, reducing **80%** of work hours.
- Developed and customized daily reports using SQL queries and communicated technical insights using data visualization dashboards for senior leadership to help facilitate decision-making and to provide real-time insights into products, sales, and inventory **saving 60 hours** of manual work.
- Identified and modeled future credit risk trends, achieving an accuracy of over **90%**.
- Performed Time Series Analysis of data using ARIMA modeling to predict sales value for the upcoming years for a fashion retail brand.

Capgemini Technology Services

Associate Consultant

June 2015 - June 2018

- Optimized employee onboarding by improvising and streamlining the process, reducing the employee onboarding time by over **75%** which is adopted by 6 departments pan India.
 - **Identified gaps** in the existing processes, researched, evaluated, and proposed a solution, to be piloted in the IMS department in collaboration with tooling engineers and developers.
- Ran on point to consult with cross-functional Senior Leadership Team (SLT) on change management, **supporting the merger** of two tech giants. Identified **opportunities** and provided actionable outcomes to improve business utilization.
 - Conducted end-to-end problem-solving to **minimize layoffs**, by creating an **'Employee X Skills' framework** to map the right employees to the right teams.
 - Supported the SLT to **plan and forecast budgets** based on futuristic employee requirements by providing daily/monthly reporting on employee utilization using advanced excel.
 - Developed Excel spreadsheet to quantify the impact of current business processes and implemented measures to achieve business goals.
 - Collaborated with cross-functional partners to implement strategic solutions based on evolving requirements, by analyzing employee data and creating relevant KPIs.

SELECTED ACADEMIC PROJECT

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- **Gaming Analytics:** Predicted sales for a newly launched game to measure its success ratio using Linear Regression. Implemented Algorithms such as k-mean and SVM to analyze factors affecting sales in modern-day digital games.
 - **Database System:** Built a miniature in-memory relational database system utilizing only python standard functions.
 - **Credit Risk Analysis:** Analyzed the given credit risk management of a bank and evaluated the performance of the credit management system. Identified credit risk customers and optimized the model accuracy to 79% by tuning model.
 - **Sentiment Analysis:** Implemented ML models to yield the best classification accuracy and validate sentiment analysis using Twitter data of popular airlines
 - **Personalized Financial Planning Model:** Created a financial model to optimize maximum ending balance at customized retirement age based on an individual's goals, lifestyle, and earnings.

SOFTWARE SKILLS

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- SQL, Big Query, R, Tableau, Power BI, Excel, VBA, MS Office, G-Suite, SAS, Asana, Notion, Salesforce, ServiceNow, Citrix XenApp, Rapid Miner, Python, and [Certifications](#).