

Manas Gudi

Bachelor of Technology, Mechanical Engineering
Indian Institute of Technology, Jodhpur

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EDUCATION

Degree	Institute	CGPA/Percentage	Year
B.Tech Mechanical	Indian Institute of Technology, Jodhpur	7.69 (Till 4th Sem)	2021-2025
CBSE Class 12	Ryan International School, Navi Mumbai	90.6%	2021
CBSE Class 10	New Horizon Public School, Navi Mumbai	95.6%	2019

PROJECTS

• Personalized News Article Recommendation System

Institute Design Project

May '23 - Jul '23

- Developed a personalized news article recommendation system.
- Utilized user interactions (searches, reads, likes, comments) to tailor recommendations.
- Implemented TF-IDF and cosine similarity for article matching.
- Achieved top 5 article recommendations based on user preferences.
- Tools Used: Python (Numpy, Pandas, Scikit-learn), Google Colab

• COVID-19 Data Insights: Analysis in a 16-Month Period

Portolio Project

Employed SQL queries on Google BigQuery to derive significant insights, encompassing:

- Monthly total cases and total deaths, providing a comprehensive overview of the pandemic's progression.
- Calculated the COVID-19 transmission rate, offering insights into the speed and intensity of virus spread.
- Assessed the COVID-19 death rate by country, revealing variations in impact across different populations.
- Conducted in-depth analysis of vaccination metrics by country, including fully vaccinated percentage and total vaccinations administered.
- Tools Used: SQL, Google BigQuery

• Data Analysis for Enhanced HDFC Bank Card Performance

Portfolio Projetc

- Developed user-friendly dashboard to assess cards performance, enabling informed decisions and market benchmarking.
- Transformed data for accurate insights, removing irrelevant info, aggregating transactions, and aligning currency values.
- Implemented dynamic filters for easy comparison of card performance within the industry.
- Provided market share and KPI trends, empowering leadership with strategic evaluations and competitor analysis.
- Toos Used: MS Excel, Power BI

• Analysis of Declining User Experience in Streaming Platform's "Search" Functionality

Portolio Project

- Conducted user-focused analysis, identifying issues and ratings drop related to "Search" feature.
- Created comprehensive dashboard: metrics, usage, clickthroughs, autocomplete suggestions.
- Investigated specific problems: unresponsiveness, errors, irrelevant results, search ranking algorithm.
- Explored OS versions and devices for patterns to aid issue resolution.
- Tools Used: MS Excel, Power BI

TECHNICAL SKILLS

- Programming Languages:** Python, SQL, C, C++
- Machine Learning:** Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn
- Others:** Power BI, MS Excel, BigQuery, SolidWorks

CERTIFICATIONS

- Google Data Analytics Professional Certificate Coursera
- Strategy for Management Consultants and Business Analysts Udemy
- Finlatics Business Analyst Experience Programme Finlatics
- Power BI Virutal Case Experience, PwC Switzerland Forage
- Excel Skills Virutal Case Experience, JP Morgan Forage

EXTRA CURRICULAR

- Assistant Head, Public Relations**, Youth Conclave'22, IIT Jodhpur Aug 22 - Sep 22
- Volunteer, Public Relations**, Prometeo'22, IIT Jodhpur Jan 22 - Mar 22
- Member**, Table Tennis team, IIT Jodhpur Oct 22 - Present

ACHIEVEMENTS

- AIR 7794 in JEE ADVANCED**, Among top 1% students attempting JEE 2021
- 98.84 Percentile in JEE MAINS**, Among top 1.2% students attempting this exam 2021
- Gold Medalist, Table Tennis**, Won the District-level U-13 Table Tennis tournament 2015