



RAMANDEEP SINGH

Data Analyst

Results-driven Data Analyst with experience in data visualization, SQL database management, and business intelligence. Proven ability to analyze complex datasets, develop interactive dashboards, and generate actionable insights using Power BI, Excel, and Python. Adept at statistical analysis, data cleaning, and automation to improve business operations. Strong problem-solving and critical thinking skills with a track record of enhancing decision-making through data-driven strategies. Experienced in customer service and financial transaction management, ensuring operational efficiency and client satisfaction.

EXPERIENCE / PROJECTS

SUN AND SAND DISCOUNT , dibba Al Fujairah Cashier (2022 – 2024)

- Processed and managed high-volume cash transactions with precision, ensuring accuracy in incoming and outgoing payments.
- Delivered exceptional customer service by effectively addressing inquiries, resolving complaints, and ensuring a seamless purchasing experience.
- Maintained and organized comprehensive financial records, optimizing transaction tracking and reconciliation processes.
- Utilized data entry and POS systems to streamline sales reporting and improve operational efficiency.

AMAZON SALES DASHBOARD <https://github.com/Raman-9877/Amazon-sales-Dashboard>

- Designed and developed an interactive Power BI dashboard to analyze sales performance and generate data-driven insights.
- Integrated and visualized key performance indicators (KPIs), market trends, and sales data for enhanced decision-making.
- Leveraged Python, DAX, and SQL to automate data processing and optimize business intelligence workflows.

Movie Recommendation System <https://github.com/Raman-9877/Movie-recomadation-systemm>

- Designed and developed a content-based movie recommendation system using Python and a dataset of 10,000 movies to generate personalized recommendations.
- Implemented Cosine Similarity to measure similarities between movies based on their attributes, enhancing recommendation accuracy.
- Built an interactive web application using Streamlit, allowing users to input preferences and receive top five movie suggestions dynamically.
- Applied NLP techniques such as stemming, lemmatization, tokenization, and stop-word removal to preprocess textual data.
- Utilized machine learning algorithms and statistical models for feature extraction and similarity computations.
- Tools & Technologies: VS Code, Jupyter Notebook, Numpy, Pandas, Scikit-Learn, Streamlit, NLTK

COVID-19 Impact Analysis Dashboard <https://github.com/Raman-9877/Covid-19-impact-Analysis>

- Designed and developed an interactive COVID-19 Impact Analysis Dashboard using Python's Dash and Plotly libraries.
- Integrated real-time statistics and visual insights to track total cases, active cases, recoveries, and deaths.
- Implemented interactive dropdown menus for dynamic data exploration.
- Utilized text-based preprocessing techniques, including stemming, lemmatization, tokenization, and stop word removal to enhance data quality.
- Tech Stack: Python, Dash, Plotly, NumPy, Pandas
- Tools Used: PyCharm, Jupyter Notebook

Contact

Phone

+971553248808

+91 9877089431

Email

RAMANDEEPBCOM1999@gmail.com

Location

Dubai, UAE

LinkedIn

<http://www.linkedin.com/in/raman-deep-singh9877>

Portfolio

<https://github.com/Raman-9877>

Core Competencies

Technical Skills

- Data Analysis
- Business Intelligence (BI)
- Data Visualization
- Statistical Analysis
- ETL (Extract, Transform, Load)
- Dashboard Development
- Data Cleaning & Preprocessing
- Market Trend Analysis
- KPI Monitoring & Reporting
- Financial Data Management
- Customer Service Analytics
- Problem-Solving & Critical Thinking
- Data-Driven Decision Making

Tools

- Power BI
- Tableau
- Microsoft Excel (Advanced)
- Power Query

Programming Languages

- Python (Pandas, NumPy
Matplotlib,seaborn,plotly,Seaborn)
- DAX (Data Analysis Expressions)

Databases

- SQL (MySQL, PostgreSQL)

Education

- **Higher Secondary Education**
(2015 – 2016)
- **High School,**
Moga, Punjab Secondary Education
(2013 – 2014)
JMSS School, Zira

Certification

- Master of Data Analytics at IHPET

WhatsApp Chat Analyzer

<https://github.com/Raman-9877/Whats-app-Chat-analysis>

- Developed a WhatsApp Chat Analyzer using Python to preprocess, analyze, and visualize chat data.
- Implemented data preprocessing techniques and interactive visualizations to gain insights into messaging patterns.
- Utilized Streamlite for web interface, enabling user-friendly interaction with the analysis.
- Performed emoji analysis, URL & emoji extraction, and stop word removal to refine textual data.
- Tech Stack: Python, Streamlit, Matplotlib, Seaborn, Pandas, Urlextract
- Tools Used: PyCharm, Jupyter Notebook

Netflix Dashboard

<https://github.com/Raman-9877/Netflix-dashboard>

- Conducted an exploratory data analysis (EDA) on 8,807 Netflix entries (2008-2021) to identify trends in content production.
- Distinguished between 3,735 movies and 1,955 TV shows, highlighting top content-producing countries (US, India, Canada).
- Discovered a surge in movie releases in 2019 and an increase in TV shows in 2020, potentially influenced by COVID-19.
- Created a data visualization dashboard using Tableau to present key insights on Netflix content distribution over the years.
- Tools & Technologies: Tableau, Data Visualization, SQL (if applicable), Statistical Analysis