Aman Kumar

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**Skills**

**Programming Languages:** Python, R, SQL, Java , Groovy

**Databases:** MySQL, Oracle , PostgreSQL

**Databases Techniques:** Query Optimization,Performance Tuning, Cursors, Packages

**Data Manipulation and Analysis:** Pandas, NumPy, SciPy

**Data Visualization:** Matplotlib, Seaborn, Microsoft Excel (Advanced), Power BI, Tableau

**Web Technologies:** HTML, CSS , Javascript

# Work Experience

**Osfin.ai , Bengaluru** Nov 2023 - Aug 2024

***Data Analyst***

* Led the implementation of a **[Reconciliation](https://www.osfin.ai/)** product for FamPay and AU Bank, automating **UPI** and **IMPS**

reconciliation, reducing processing time by 30%, and improving operational efficiency.

* **Optimized** SQL procedures, reducing execution time by 40%, and enhanced data organization and retrieval through bucketing in stored procedures.
* Developed interactive **dashboards** to present growth data and managed database schemas, improving query performance and storage efficiency.
* Configured StreamSets **data pipelines** with **Groovy scripts**, boosting efficiency, and automated reconciliation processes, reducing manual effort and increasing accuracy.
* Conducted rigorous testing of new builds, ensured alignment with business objectives, and increased user satisfaction through targeted client training.

# Education

**Vellore Institute Of Technolgy, Vellore** Sept 2022 – June 2024

Master of Computer Application (MCA) ***CGPA: 8.94/10***

**Ranchi University** July 2018 – Oct 2021

Gossner College Ranchi (BCA) ***CGPA: 9.04/10***

# Project Work

**Revenue Insights In Hospitality Domain**  [ [Link](https://github.com/AMANKUMAR22MCA/Revenue-Insights-In-Hospitality-Domain/blob/main/README.md) ]

* Atliq Grand notices a loss in their market share and revenue over few months. To understand the cause of their loss, they needed a way to analyze this . I created a dashboard in **power BI** using their three months of data .
* With the created dashboard the revenue team were able to gain insights about their revenue trend .This could help in regaining their revenue and market share by 20 % next month.

**HR Data Analytics [ [Link](https://github.com/AMANKUMAR22MCA/HR-Data-Analytics--POWER-BI)** **]**

* Designed a **Power BI** dashboard to track employee data for the HR team, including working hours, attendance, performance and leaves. The dashboard streamlined HR processes.and increased efficiency .
* This dashboard can save 3-4 hrs of work for the HR daily.

## Instagram User Analytics [ [Link](https://github.com/AMANKUMAR22MCA/Instagram-User-Analytics/blob/master/INSTAGRAM%20SQL%20Tasks%20_.pdf) ]

* Analyzed user engagement and behavior, identifying key trends, user groups, and optimal ad campaign timing.
* Utilized **Excel** for data cleaning, visualization, and to remove duplicates and extracted insights using **SQL** queries.

**State Guessing Game** [ [Link](https://github.com/AMANKUMAR22MCA/State-Name-Guessing-Game) ]

* Developed a **Python** game using **Turtle** graphics to create a map of the United States, challenging players to guess the names of the states.
* Utilized **Pandas** to manage and extract state data, accurately placing state names on the map as they are guessed correctly.

# Awards and Certificates

* **Trainity (Data Analyst) [ [Link](https://drive.google.com/drive/u/0/folders/1eTT13re1Zmrc6eRlWJf5LCTuwhkEIzDz) ]** June 2024-Current
* Learned advanced Excel, MySQL, and data analytics techniques, including data cleaning, removing duplicates, and visualization.
* Developed strong skills in analyzing and interpreting complex datasets to drive actionable insights.
* **Best Project Award. Cofe for Life Hackathon , VIT Vellore** May 2023 Awarded for the Best project award amongst more than 100 registered teams and 400+ students.
* **VITMEE MCA AIR 67** June 2022

Secured All India Rank 67 in VITMEE MCA out of 7,000+ candidates from all over India.