NANDINI BAIS

Data Management | Excel & Google Sheets | Data Validation | Python | SQL
Bengaluru, India | [redacted] | [redacted] | LinkedIn | GitHub

SUMMARY

Data Science and Applications student at IIT Madras with hands-on experience in Excel and Google Sheets for data entry, sorting, filtering, validation and reporting. Works carefully with large, messy datasets: organising records, checking for missing values and duplicate records, correcting discrepancies, and preparing clear summaries and trackers. Backed by Python, SQL and Power BI skills for deeper analysis. Quick learner who takes ownership of tasks, coordinates well with teams, and delivers to deadlines (hackathons, competitions, project builds).

TECHNICAL SKILLS

Spreadsheets & Data Entry: Excel, Google Sheets, Data Entry, Sorting, Filtering, Data Organisation, Record Maintenance, Summaries & Trackers
Excel Formulas: SUM, COUNT, AVERAGE, COUNTIF, SUMIF, IF
Data Quality & Validation: Data Validation, Missing-Value and Duplicate Checks, Discrepancy Correction, Accuracy & Consistency Checks
Data Analysis: Python, Pandas, NumPy, SQL, Data Cleaning, Exploratory Data Analysis
BI & Reporting: Power BI (DAX), Tableau, Dashboards, Data Summaries & Reports
Tools: Git, GitHub

PROJECTS

Retail Inventory & Sales Analysis | *Kaggle Dataset, Google Sheets (In Progress)*
- Managing a retail inventory dataset of **73,100 records** across 5 stores and 20 products in structured spreadsheets.
- Organising **inventory, sales, pricing and demand** records for easy tracking and reporting.
- Building **data-quality checks** to identify missing values and potential duplicate records.
- Using **spreadsheet formulas and data validation** to improve accuracy and prepare inventory summaries.

NYC Housing Price Analysis | *Python, Pandas, NumPy, scikit-learn*
- Cleaned and validated **~84,500 NYC property-sale records** with heavy missing values and outliers.
- Applied **missing-value imputation and winsorization** and segmented the data to summarise neighbourhood-level pricing patterns.

PitchSide Pro Revenue Analytics — Microsoft Dataviz World Championships (Round 1) | *Power BI, DAX, Pandas*
- Built a **3-page Power BI report** on revenue performance for a fictional football-merchandise retailer, structured for business stakeholders.
- Analyzed **fact and dimension tables** (sales, traffic) in Pandas to prepare the data for reporting, and wrote **DAX measures** to monitor key metrics.

OIL Safety Intelligence Engine — Smart India Hackathon | *Python, NLP, Streamlit*
- Applied **structured data processing and output validation** to keep category labels consistent across unstructured safety reports.
- Worked in a team and delivered a Streamlit app to report risk patterns; selected among **IIT Madras' Top 50 teams**.

EDUCATION

IIT Madras — B.S. Data Science and Applications 2025 – 2029

ACHIEVEMENTS & CERTIFICATIONS

- **Smart India Hackathon:** Top 50 team, IIT Madras. Also participated in the Microsoft Dataviz World Championships, Adobe University Hackathon, IIT Madras & PWIOI challenges, and Google I/O Connect Bengaluru ideation.
- **Commonwealth Bank Data Science Virtual Experience** (Forage); Web Development Bootcamp, PW IOI Bangalore.
- Active on LeetCode and CodeChef; attended CASML Conference (IISc Bangalore) and Bangalore Tech Summit.

SOFT SKILLS

Attention to Detail | Organisation & Record Keeping | Communication & Coordination | Problem Solving | Ownership & Time Management | Adaptability