

Manish Champalal Parmar

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Professional Summary

Data Analyst with hands-on experience in **data cleaning**, **SQL querying**, and **EDA** to derive **actionable insights**. Proficient in building **dynamic reports** using **Power BI**, **Excel**, and **Tableau**. Experienced in **validating datasets**, **automating reports**, and **presenting findings** to diverse audiences. Currently pursuing an M.S. in **Data Science** (GPA: 3.95), eager to apply **analytical skills** in a **collaborative, client-focused** environment.

Technical Skills

- **Programming:** Python (Pandas, NumPy), SQL, R (tidyverse)
- **Data Tools:** Power BI, Excel (VLOOKUP, Pivot Tables), Monday.com, Tableau, Google Sheets, Looker Studio
- **Analytics:** EDA, data cleaning, trend analysis, reporting automation
- **Soft Skills:** Problem-solving, attention to detail, clear communication, team collaboration

Professional Experience

Intern | Career Empowerment Center, CSUEB

Oct 2025 - Present

- Managed the student lifecycle for grant-funded program, from verifying eligibility in **CalJOBS** and guiding the on-boarding to tracking program milestone completion using **data tracking systems** in **Monday.com** and **Excel**.
- Automated **student intake reporting** and **case management processes**, achieving **50% reduction** in manual data entry time while enhancing data accuracy and operational efficiency.
- Developed **analytical dashboards** and conducted **trend analysis** on student engagement metrics, identifying patterns in career tool usage and workshop participation to drive program improvements.
- Performed **quantitative evaluation** of career readiness programs by tracking KPIs and creating data visualizations to assess initiative effectiveness and support data-driven decision making.

Data Analyst Intern | Young Gates, Fremont, CA

May 2025 - Aug 2025

- Built and deployed **ETL pipelines** in **Databricks** to clean and transform raw student data from 11 centers, increasing **data integrity** and reducing manual tasks by **60%**.
- Created **dashboards** in **Power BI** and **Excel**, communicating **participation trends** and **KPIs** across teams.
- Standardized metrics, automated weekly reporting in Google Sheets, and documented **data processes** for **operational consistency**.

Analytics Officer | Business Analytics Club, CSUEB

Oct 2024 - May 2025

- Designed an **automated scoring/reporting engine** using **Python + scikit-learn**, reducing evaluation time by **65%**.
- Delivered **workshops** to 75+ students on **dashboarding, reporting**, and **data visualization** best practices (Matplotlib/Seaborn).
- Coordinated **analytics efforts** with marketing and academic departments to ensure alignment in **reporting standards**.

Selected Projects

SVB Bank Analysis | [GitHub](#) | [IEEE](#)

- Applied **TensorFlow + SHAP** to model **financial risks**, achieving **92% prediction accuracy** for bank failure scenarios.
- Designed interactive **Power BI** dashboards simulating **risk mitigation strategies**, reducing **analysis time** by **40%**.

Ganak - Inventory Management System | [GitHub](#) | [IEEE](#)

- Engineered a **real-time inventory tracking system** using Flutter, Dart, and Firebase, achieving **38% improvement** in stock visibility and reducing **out-of-stock incidents** by **45%**.
- Developed **LSTM neural networks** (TensorFlow/Keras) for **demand forecasting**, improving **sales prediction accuracy** by **33%** and reducing **waste inventory** by **28%**.
- Implemented **personalized recommendation algorithms** with Firebase Cloud Functions, increasing **customer engagement** by **28%** and **repeat purchases** by **19%**.

Education

California State University East Bay

2024 - 2026

Master of Science in Statistics (Data Science Concentration) | GPA: 3.95/4.00

D Y Patil International University

2020 - 2024

Bachelor of Technology in Computer Science and Engineering | GPA: 8.47/10.00