

MOHAMMED BOOKWALA

Business & Data Analyst | Psychology • AI • Data Science

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SUMMARY

Detail-oriented **Business Analyst** with a background in **Psychology, AI, and Data Science**. Skilled in translating **data** into **business insights**, driving **process improvement**, and supporting cross-functional teams with **analytics, visualization, and stakeholder communication**. Experienced in **Agile, requirements gathering, and technical tools (Python, SQL, Tableau)** to deliver **data-driven strategies** and impactful results.

EXPERIENCE

Data Science/Business Analytics Intern

Playdown Consulting

Dec 2024 – Feb 2025 On-site (Bengaluru)

- Built and deployed a **salary prediction platform** (Python, Pandas, NumPy, SciPy, scikit-learn, Matplotlib) for gaming; managed **requirements gathering, stakeholder analysis, model training, and FastAPI/AWS Lambda deployment**.
- Led **data cleaning** and mapping (LLMs), engineered company segmentation (Excel), automated data pipelines, and delivered reporting to stakeholders.

Data Analyst Intern (College Internship)

Studio Sirah

June 2025 – July 2025 On-site (Bengaluru)

- Streamlined **analytics pipelines (SQL, Python, Pandas)** for robust **business reporting** and enhanced **user experience**; improved **data backfilling** for analytics workflows.
- Participated in user feedback/playtesting, delivered **actionable suggestions** to design teams, mapped analytics to **user psychology/behavior**, and presented findings to stakeholders.

PROJECTS

Psychometric & Cognitive Hiring Tool (Entrepreneurial; Ongoing) [Python, Django, Market Research, UX Design, Surveys]

- Conceived, validated, and designed an **MVP SaaS** for data-driven, psychometric candidate screening for SMEs; led **stakeholder interviews, market surveys, pilot interest, and pre-launch engagement**.
- Documented **business/user requirements**, mapped **recruiter workflows**, and built **user journey scenarios** for technical/dashboard design.

Dubai Real Estate Market Analysis (Team Lead) [Python, Tableau, Market Research]

- Led analytics for Dubai property data (2014–2024) to identify **market trends and strategic investment opportunities**; directed **data preparation, engineering, visualization, and team research integration**.
- Built **Tableau dashboards** and presented results to external evaluators.

Correlation Analysis of Stock Indices and Commodities [Python, Pandas, NumPy, SciPy, Tableau, Matplotlib, Plotly]

- Conducted advanced **statistical analysis** of U.S. stock indices (e.g., **NASDAQ-100**) vs. **commodities** (gold, crude oil, platinum, palladium) from 2010–2024; used **data cleaning, normalization, and visualization** (Tableau, Matplotlib).
- Identified major positive/negative **correlations** and presented economic and investment impacts.

Other Academic & Technical Projects

- Academic: **Analytics, survey/statistical design, and reporting** (Python, Excel); **workflow documentation** and process mapping in a 7-day **Agile-style team sprint** at ProtoVillage.
- Built a **news aggregator** (Flask, MySQL), **spatial dashboard** (Folium), **real estate trend analyses** (Python, Pandas, data viz), and prototyped an **AI workflow assistant** (Llama 70B, Groq API).

EDUCATION

B.Sc. Psychology, Minor: AI & Data Science

RV University

Aug 2023 – May 2026

STRENGTHS

- Analytical Thinking
- Requirements Gathering
- Process Mapping
- Workflow Documentation
- Team Collaboration
- Agile Workflow
- Sprint Planning
- Kanban
- Daily Standups
- Task Management
- Problem Solving
- Critical Thinking
- Attention to Detail
- Adaptability
- Time Management
- Stakeholder Communication

SKILLS

- Python
- SQL
- Pandas
- NumPy
- SciPy
- Scikit-learn
- Tableau
- Excel
- MySQL
- AWS
- Flask
- Matplotlib
- Seaborn
- Plotly
- Data Cleaning
- Feature Engineering
- Visualization
- ETL
- REST APIs
- Version Control (Git, GitHub)
- Jira (basic)
- Confluence (basic)
- MS Office Suite
- Business Communication

LANGUAGES

- English
- Gujarati
- Hindi
- Arabic

ACHIEVEMENTS & CERTIFICATES

- Certifications**
IBM AI Fundamentals, IBM Generative AI
- Debate & Public Speaking**
College and university presentations; intercollegiate debates
- Fieldwork**
ProtoVillage rural sustainability contributor
- Esports**
Valorant clan champion (informal)

PUBLICATIONS

- 100 Quotes for the Warrior Within: Pearls of Wisdom for a Life Well-Lived
(2023, Author)