

Prabjyott R. Bajwa

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SUMMARY

Highly detail-oriented and innovative MS Information Systems graduate with 3+ years of experience in providing data-driven and technological solutions. Esteemed ability to lead project teams. Currently seeking job opportunities to leverage strong analytical skills, product management, and problem-solving skills in the area of business to accomplish company goals.

EDUCATION

California State University, Fullerton	Master of Science in Information Systems, Business Analytics (GPA 3.90)	May 2020
Mumbai University, India	Bachelor of Engineering, Computer Science	May 2014

STRENGTHS AND EXPERTISE

Strengths: Data Mining, Data Visualization, Database Management, Team player, Leadership, Decision-Making, Flexibility, Critical Thinking, ERP System Skills, Presentation Skills, Time Management Skills, Verbal Communication Skills and Interpersonal Skills

Technical Skills: MySQL, T-SQL, R, Python, Pandas, NumPy, ANOVA, PHP, Java, UML, HTML/CSS, XML

Software: RStudio, PostgreSQL, Tableau, MS-Visio, Power BI, AWS(EC2/S3), MS Word, MS Excel (Pivot Tables, VLOOKUP, VBA, Macros), PowerPoint, SharePoint, Outlook, Android Studio, Web Analytics, Google Cloud Services, and Google Analytics

PROFESSIONAL EXPERIENCE

Marketing Analyst | Ordergenie Synergy Pvt. Ltd, Mumbai October 2017 – July 2018

- Improved quarterly sales of healthcare firms by 10% by requirement gathering and documenting business performance, product specifications, providing analytical support and, modifying the firm's operating systems, applications delivery & **reporting** solutions
- Incorporated best practices in planning and designing **SDLC** as per client requirements and led a technical team of systems developers, testers, and marketing professionals to deliver multiple projects with prime focus on meeting deadlines
- Managed the **recovery**, cost-saving and revenue regulations of the company by efficiently analyzing workflows, highlighting customer patterns, gaining data insights and improving the current system operations using **business intelligence** tools (BI) such as Tableau
- Blended marketing and data management skills with extensive Agile experience to evolve product strategy with attention to detail

Business Analyst | ULJK Financial Services Pvt. Ltd, Mumbai June 2016 – July 2017

- Gathered data and conducted the quantitative analysis with **Google Analytics**, identified Key Performance Indicators (**KPIs**) in ad hoc reports and formed strategies to get lucrative deals for stakeholders, which upgraded the customer retention rate by 12% annually
- Worked cross-functionally with multiple teams, conducted financial data analysis on partnered teams' metrics with advanced statistical techniques and predictive modeling, provided data and delivered business roadmaps up to Senior VP and Executive Teams
- Formulated pivot tables in **MICROSOFT Excel** to categorize quality requirements to improve operational efficiency by 6%

Data Analyst | Cravingcode Technologies Pvt. Ltd, Mumbai June 2014 – June 2016

- Developed ad hoc queries, created and maintained relational databases, performed auditing, executed ETL on operations processes using **SQL** and converted into structured data to provide data solutions for marketing statistics
- Tested functional processes with **A/B testing** and **UAT testing** during software development, thereby reducing bounce rates

RELEVANT PROJECTS

Data Scientist - Healthcare Analysis and Prediction | Spring 2020 Tools: Jupyter-Notebook, Python, Tableau

- Performed analysis, data modeling, programming and testing on complex diabetes dataset of 101766 records in **Excel**.
- Developed **interactive** visualization dashboards for data presentation and to demonstrate patient readmission rate using **Tableau**
- Compared the accuracy of the outcomes of supervised machine learning models for binary classification using confusion matrix in **Python**

Data Analyst - Analysis and Prediction of Bank Marketing Data | Fall 2019 Tools: RStudio, Power BI

- Created an analytical framework utilizing large data sets of over 45,000 records and used **Power BI** for data exploration and transformation
- Implemented machine learning techniques to classify term deposit subscriptions through **KNN model, CART, and Logistic Regression**

Information Analyst - Insight on Movie Database | Spring 2019 Tools: Jupyter-Notebook, Anaconda, MS-Excel, Python

- Investigated the critical features related to the popularity of movies on 5000+ TMDb movie records and gain business insights
- Cleaned and Preprocessed** operational data and determined the set of impactful variables with correlation followed by regression for predictive accuracy

Market Research Analyst - Business Data Transformation | Spring 2019 Tools: RStudio, PostgreSQL, MS-Excel

- Extract, Transform, Load (ETL)** stock market data in **R** to calculate daily returns, achieve portfolio optimization
- Constructed multiple **relational tables** with **SQL queries** in **PostgreSQL** to transform data with window functions, joins, stored procedures and views.

Product Manager- Car Dealership's Sales System Management | Fall 2018 Tool: Microsoft Visio

- Planned system architecture of a custom-built application using **Software Development Life Cycle (SDLC)** for a car dealership company
- Designed use cases, business cases, process flows, data pipeline, and entity-relationship data models with **MS-Visio** to depict all the organizational entities as per business requirements and deliver results for the desired system design