SAURABH SAWANT

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DATA & SYSTEMS ANALYST PROFESSIONAL

Results oriented professional with over 7 years of experience transforming complex data into actionable insights through dynamic, drillable reports and interactive dashboards. Currently serving as an ERP Systems Analyst, with a proven ability to design scalable reporting solutions that inform strategic decisions and drive measurable business outcomes. In addition to deep reporting expertise, brings strong experience in full cycle system implementation and end to end ownership of technology solutions, ensuring alignment between business needs and system capabilities. Holds a Master of Science in Information Technology and Management with a concentration in Business Intelligence and Analytics from The University of Texas at Dallas and is a recipient of the Dean's Excellence Scholarship.

TECHNOLOGY & TOOLS

Programming skills:	SQL, Python, Pig Latin, Shell, HTML, JavaScript
Analytics & Reporting Tools:	Microsoft Report Builder, MS Excel, InfoMaker, Jupyter Notebook
Visualization Tools:	Tableau, Power BI, Microsoft Visual Studio
Databases:	Microsoft SQL Server, Microsoft Access, Oracle Database, MySQL, Hive
Systems:	MS SQL Server Reporting Services, Salesforce, Jenzabar ERP system, ServiceNow

PROFESSIONAL EXPERIENCE

ERP Systems Analyst - Toronto, ON, CA   **November 2021 – Present**
Parker University

- Lead Reporting Analyst and primary system owner for critical platforms including Salesforce CRM, Jenzabar ERP System, and the full Microsoft SSRS reporting suite and infrastructure, delivering strategic insights and driving process improvements across university operations, supporting over 500 university staff and the entire student population.
- Directed end-to-end development of complex, drillable reports and executive dashboards using the Microsoft SSRS suite and Salesforce, empowering senior leadership with actionable insights to guide institutional strategy.
- Owned and managed core institutional systems including Jenzabar ERP System, Salesforce CRM and ancillary platforms (PowerFaids, CSGold), ensuring optimal performance, data accuracy, and alignment with evolving business needs, boosting end-user satisfaction by 85%, and integrated 20+ dynamic workflows to improve data flow, utilization and security

Jr ERP Systems Analyst – Dallas, TX, USA   **September 2018 – November 2021**
Parker University

- Resolved over 1,000+ high-impact issues across the reporting infrastructure and ERP ecosystem, safeguarding data integrity and ensuring seamless business continuity under demanding timeframes.
- Delivered data-driven solutions that optimized decision-making and contributed to significant cost reductions across university operations for staff and student success
- Served as the university's central point of contact for reporting and analytics, streamlining stakeholder engagement and reducing issue resolution times by 40% through proactive root cause analysis and tracking improvements.

Database Analyst – Mumbai, MH, IN   **March 2016 – July 2016**
DCB Bank

- Independently engineered the end-to-end design and implementation of a centralized credit data repository by cleaning, normalizing, and integrating data from six fragmented credit systems (home, personal, auto loans, etc.), enhancing regulatory compliance and enabling deeper business insights and strategic decision-making.
- Created a bespoke system that accelerated financial reporting and data visualization of credit data by 65%, and used lessons learned to create a new handbook and other best practices.
- Spearheaded improvements to the data flow process, boosting stakeholder efficiency by 30% through process optimization in a dynamic, fast-paced environment.

EDUCATION

Master of Science, Information Technology and Management; Business Intelligence and Analytics
The University of Texas at Dallas: 2018
Honors: Dean's Excellence Scholarship
Relevant coursework: Business Analytics, Big Data Analysis, Business Data Warehousing, Data Management, Object-Oriented Programming, Systems Analysis & Project Management, Marketing Management

Bachelor of Engineering, Information Technology
University of Mumbai: 2015

KEY PROJECTS
Flight Delay Analysis | U.S. Bureau of Transportation Statistics
- Analyzed close to a million flight records using Python libraries including **Pandas, NumPy, and Matplotlib** to identify delay patterns across airports and carriers
- Performed comprehensive analyses such as airline delay rate rankings, airport-level delay aggregation, and root cause breakdowns—along with identifying top delayed airports, comparing delay causes across carriers, and visualizing delay patterns—using grouping, aggregation, and data visualization techniques in Python.
- Discovered that over 22% of monthly flights were delayed, with the leading causes being NAS (National Airspace System) disruptions and late aircraft issues.

World Livability Index
- Designed and implemented a **Python** pipeline to evaluate the biggest cities worldwide by collecting, synthesizing, and normalizing data from reputable sources around the globe across 10 quality-of-life dimensions
- Assessed factors such as safety, healthcare, cost of living, and environment to generate holistic city rankings, empowering individuals to make informed decisions about relocation and long-term residence.

Netflix Content & Performance Dashboard
- Developed an interactive **Tableau** dashboard analyzing Netflix's global content library, visualizing trends in content distribution, genre popularity, ratings, and regional insights.
- Leveraged advanced Tableau features (calculated fields, filters, maps) to enable dynamic data exploration and support data-driven content strategy decisions.

Salesforce Customer Relationship Management (CRM) System
- Championed a new CRM system to revamp the application process for enhanced candidate tracking, retention and customer experience along with several new dynamic forms on the university site.
- Utilized daily by the Admissions Dept. for the entire student lifecycle.

Parker Executive Dashboard
- Composed a dashboard housing 25 Drillthrough reports defining various aspects of the university useful in executive decision-making
- Major graphical reports include enrollment statistics by major, state, age, type, and average class performance

Financial Aid Database (FAD) Reporting
- Construct a quarterly fixed-length text report with over 120 columns and data for more than 3,000 students, detailing Financial Aid resources for the State of Texas.
- Leveraged a custom BAT file to ensure precise formatting and regulatory compliance, saving the university 50+ hours of manual work per quarter and reducing processing costs by an estimated $5,000

PUBLICATION
International Journal for Scientific Research and Development:
Data Cleansing- An Alternative Approach for Handling Missing Values

CONFERENCES
Jenzabar's Annual Meeting (JAM) Conference
PowerFaids National Conference

HONORS/AWARDS
Tech Marathon, University of Mumbai – Winner, Mar 2014 & Mar 2015

VOLUNTEERISM & IMPACTFUL INITIATIVES
YouTube Content Creator – Knowledge-based channel: Facts Daily
I.E.E.E. committee, University of Mumbai – Vice-Chairman
Feed My Starving Children – Package Volunteer
Frisco Family Services, The Family Place – Management Volunteer

WORK AUTHORIZATION
Canadian Permanent Residency