

Utkarsh Pathak

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[LinkedIn](#) | [GitHub](#) | [Tableau](#)

EDUCATION

Eller College Of Management, University of Arizona
Master of Science in Business Analytics; GPA: 3.85/4.0

Arizona, USA
2024 – 2025

Rashtrasant Tukdoji Maharaj Nagpur University
Bachelor of Computer Application

Nagpur, India
2017 – 2020

PROFESSIONAL EXPERIENCE

Deloitte Consulting India (Offices of the US)

Jan 2021 – Aug 2024

Analyst, AI & Data Engineering Offering Portfolio

Hyderabad, India

Clients Served: Fortune 100 - Financial Services (NY Based), Robotaxi Payments Dept. (CA Based), Fortune 500 - Medical Tech (MN based)

- **Modernized enterprise data platforms** by migrating legacy Informatica PowerCenter mappings to **dbt Cloud (SQL)** models and **IICS workflows**, ensuring robust ETL/ELT operations for reporting and analytics for a medical technology company.
- Delivered a **Data Analytics Platform (DAP)** that eliminated repetitive manual data pulls from 5 systems, cutting reporting time by **40%** and improving metric accuracy using **Databricks** platform leveraging capabilities like PySpark, SparkSQL, Unity Catalog, Delta Lake.
- **Engineered a unified data pipeline** integrating 3+ financial data sources (Stripe API, SAP, flat files), enabling real-time insights into payment reconciliation and improving processing efficiency by **35%**.
- Partnered with cross-functional stakeholders (Product, Operations, Finance, Risk, Compliance) to define KPIs, implement data quality checks, and standardize reporting, achieving **100% executive buy-in** and **99.9% dashboard data availability**.
- Developed **predictive and classification models** (linear/logistic regression, decision trees, random forest) to uncover payment trends and improve forecasting accuracy by **8%**.
- Conducted **UAT testing**, resolving over **90 data bugs**, and authored 50+ **complex SQL queries** (CTEs, Window functions and joins) to power regulatory and operational reporting pipelines.
- Championed data governance by resolving **15+ critical data quality issues**, and authored **migration playbooks, development runbooks, and training material**, reducing onboarding time by **50%**.

University Of Arizona, College of Medicine

Oct 2024 – May 2025
Phoenix, Arizona, USA

Part-time Student Worker, Planning & Operations Department

- Developed self-service Tableau dashboards that synthesized data from multiple sources, addressing over 35 ad hoc data requests within the first quarter to support informed decision-making and enhance operational efficiency.
- Constructed interactive dashboards visualizing key performance indicators, revealing actionable insights that reduced excess inventory by 15% and improved order fulfillment processes, thereby influencing strategic business decisions.
- Applied predictive and descriptive analytics techniques to identify trends in supply chain data, collaborating with cross-functional teams to troubleshoot data anomalies and optimize overall data quality for accurate reporting.

PROJECTS

Eller Business Consulting Project

Jan 2025 – May 2025

Analytics Consultant | Client – Insurtech Startup (California based)

Chandler, Arizona, USA

- Developed a data-driven ZIP code level Agent Opportunity Index using FEMA, Redfin, Census, and NOAA APIs, providing actionable insights for sales teams. This reduced market analysis time by 60% and improved agent placement strategies by 15%.
- Created interactive Tableau dashboards and reports to support sales team decision-making, reducing market research time by 60% on average. These dashboards provided key performance indicators (KPIs) and insights to inform strategic decisions.

CORE TECHNICAL SKILLS

- **Languages & Tools:** SQL, Python, PySpark, R, Tableau, Snowflake, Databricks, Airflow, Informatica IICS, Git
- **Data Engineering:** ETL pipeline design, Data Modeling, Data validation, Data cleaning, Data Integration, UAT support
- **Reporting & Visualization:** Dashboard development, KPI tracking, Program compliance reporting, Ad hoc analysis

CERTIFICATIONS

- **Databricks:** Data Engineer Associate Certification
- **dbt labs:** dbt fundamentals Certification
- **IBM:** Python for AI and Data Science

AWARDS

- **University of Arizona:** Honored with Masters's Excellence Award and Dean's List
- **Deloitte:** 3 Applause Awards, 2 Spot Awards
- **Snowflake x Deloitte Award:** Ideathon Award