

SAI SAKETH BAVISETTI

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EDUCATION

San Francisco State University

Master of Science in Data Science and Artificial Intelligence, GPA: 3.53

Coursework: Data Analytics, Statistical Modelling, Pattern Analysis, Decision Support Systems.

San Francisco, CA

Graduating: May 2025

Gandhi Institute of Technology and Management (GITAM)

BTech in Computer Science Engineering, GPA: 7.94/10

Visakhapatnam, India

Graduated: Jul 2023

WORK EXPERIENCE

Health Research Inc | New York State – Department of Health (BNE)

HPA (Data Research Analyst / Associate Program Manager)

Albany, NY

Jul 2024 – Dec 2024

- Data Analysis Leveraging Prescription Drug Monitoring Program (PDMP) Data to Maximize Overdose Prevention Capacity for Stakeholders, focusing on Identifying Patterns and Barriers impacting Prescription Checks.
- Collaborated with Multidisciplinary teams to study Factors influencing Buprenorphine Prescribing Rates across NYC, Analyzing Crude Rates and Demographic Conducted Disparities to inform Evidence-Based policy recommendations.
- Supported budgeting and forecasting efforts for health programs, ensuring alignment with fiscal goals.
- Authored a Research Paper examining the Impact of COVID-19 on Opioid Prescribing pre, post and during the pandemic.
- Research Telehealth Implementation to improve Accessibility and Effectiveness, Contributing to Recommendations for Future Grant-Funded Initiatives.
- Tracked Workforce metrics and Lifecycle processes, creating detailed dashboards to support Strategic Planning.

Conduira ED Tech

Project Manager, Associate

Visakhapatnam, India

Oct 2022 – Jul 2023

- Facilitated Procurement and Vendor Negotiations to Streamline Operations and Improve Cost Efficiency by%.
- Conducted Public Data Collection and Aggregated Data for the Management Information System (MIS), interacting with 500+ Students, gathering Academic Data, and maintaining Accurate Bookkeeping Records.
- Built Tools that stored Extracted Data from Automation Scripts, Efficiently Populating Databases with 1,000+ Entries to support MIS Operations.
- Collaborated with Cross-Functional Teams to Refine Data Aggregation Techniques, ensuring 100% Alignment with Organizational Requirements.
- Designed Interactive Dashboards showcasing Aggregated Data, providing Actionable Insights and enabling Stakeholders to make Data-Driven Decisions, Optimizing Academic Workflows by 30%. Used Power BI to visualize Budgetary and Workforce Metrics by making 45% efficiency.

Google

Data Analyst Intern

Hyderabad, India

May 2022 – Jun 2022

- Built Business Intelligence Dashboards in Power BI and Looker, providing Real-Time Insights into IAM Metrics that Increased Executive Decision- Making Efficiency by 45% within the Identity and Access Management team
- Spearheaded IAM Cost-Saving Initiatives, Cutting Operational Expenses by 15% while Maintaining Upholding Security and Compliance Standards.
- Deployed Automated SQL-Based Reporting Solutions to Monitor User Access Patterns and Track Compliance, Improving Audit Readiness by 30%.

SKILLS

- **Data Analysis:** Power BI, Excel, Tableau, SQL, R, Python, Google Analytics.
- **Other Languages:** Java, C++, JavaScript, HTML, React, CSS.
- **Tools:** Salesforce, Jira, Lucid chart, AWS, Docker, APIs, C#, React, JavaScript.
- **Specialized Industry:** Health Care, Finance, procurement and vendor Management, Budgeting and Forecasting, Workforce Planning and Analytics, Cost Transparency, BI Analytics and Product Development.

PROJECTS

- **Movie Recommendation System:** Developed a GUI-based Movie Recommendation System for GITAM University using Collaborative Filtering to suggest movies Tailored to User Preferences and Viewing History. Integrated Machine Learning Models with an Intuitive Search Feature and Conducted Data Preprocessing with TFIDF, NLTK, and SpaCy for Clean Datasets. Enhanced the System with Real-Time Data Integration and a Dynamic Interface to Improve User Experience.
- **Formula 1 Predictive Analysis:** Designed a Predictive Analytics Framework for Formula 1 Racing at San Francisco State University, Modeling Race Outcomes and Driver Performance. Analyzed Critical Factors like Tire Wear and Track-Specific Risks using Machine Learning Libraries. Presented Insights with Tableau and Power BI, proposing Data-Driven Safety and Performance Solutions.
- **Scholar Eats:** Developed a Web-Based Application for SF State University to Optimize Resource Management by connecting University Food Pantries with students. Integrated APIs for Real-Time Data Management and Personalized Recipes, enabling Efficient Inventory Tracking. Tested the Application with Real World Survey Data to ensure Reliability and User-Centric Functionality.