

# Shreyas Jagadish Kanagal

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## SUMMARY

Economics & Business Analytics student with hands-on experience building Power BI and Tableau dashboards, automating SQL-based data pipelines, and translating complex datasets into executive-level insights. Skilled in KPI development, stakeholder reporting, and process automation. Seeking Business & Financial Analyst roles to drive data-driven decision-making.

## EDUCATION

Bachelor of Science in Economics, Minor in Business Intelligence & Analytics  
The University of Texas at Dallas, Richardson, TX

Expected December 2026  
GPA: 3.94

## SKILLS

BI & Visualization: Power BI, Tableau, Streamlit, Plotly, Stata

Languages & Querying: Python (pandas, NumPy, statsmodels), SQL (CTEs, window functions, joins), R (tidyverse, ggplot2)

Reporting & Automation: Excel (VBA, PivotTables, VLOOKUP), SharePoint, SmartSheet, process automation workflows

Analytics: Regression analysis, time-series forecasting, KPI development, data wrangling, model evaluation

Certifications: Google Data Analytics, Bloomberg Market Concepts

## ACADEMIC/PERSONAL PROJECTS

### Predictive Analytics & Forecasting Model | Python, pandas, statsmodels | Sep 2024

- Improved forecast accuracy by 18% across 3 datasets by developing ARIMA time-series models, validated through back testing and rolling benchmark comparisons.
- Delivered clean, audit-ready outputs for trend analysis and executive reporting by implementing structured data validation checks across all pipeline inputs.

### Automated Market Data Pipeline | Python, REST APIs | Feb 2025

- Reduced manual data processing time by 80%+ by engineering automated pipelines that ingest, validate, and transform real-time market data from multiple APIs into a structured reporting layer.
- Improved cross-team reproducibility by authoring technical documentation covering pipeline architecture, data definitions, and reporting standards.

### Investment Performance Reporting Dashboard | Python, Pandas, SciPy, Streamlit, Plotly | Jan 2026 – Jun 2026

- Built and deployed a live investment analytics platform tracking 110+ ETFs across 14 asset sectors, enabling analysts to screen funds by risk-adjusted return, volatility, and drawdown without manual spreadsheet work.
- Automated end-to-end data pipelines using Python and Yahoo Finance APIs to calculate annualized returns, volatility, Sharpe ratios, max drawdowns, and rolling correlations — refreshed in real time on every session.
- Applied Markowitz mean-variance optimization via SciPy to generate Maximum Sharpe and Minimum Volatility portfolios, surfacing optimal asset allocations through an interactive efficient frontier visualization.

## PROFESSIONAL EXPERIENCE

### Team Lead | TESO Life, Frisco, TX | Oct 2023 – Jun 2024

- Drove a 15% reduction in stockout incidents by analyzing weekly sales and inventory data in Excel (PivotTables, VBA) to surface demand patterns and data-driven restocking recommendations for leadership.
- Streamlined reporting by building automated Excel workflows that consolidated daily performance data, cutting manual reporting effort by ~3 hours/week.
- Led a 6-person team in a high-volume environment, managing task prioritization and shift workflows while presenting daily performance results to store management.