

Sofia Alvarez

BUSINESS INTELLIGENCE ANALYST

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\$3.1M

Cost savings identified

40+

Dashboards delivered

500+

Business users served

70%

Faster reporting

Professional Summary

Business Intelligence Analyst with 3.5 years of experience building dashboards, data models, and reporting solutions that drive decisions in healthcare and SaaS. Expert in SQL, Power BI, and Tableau, with a record of translating stakeholder requirements into trusted metrics. Identified \$3.1M in savings and reduced reporting time by 70% through automation and governed data models.

Technical Skills

BI Tools: Power BI, Tableau, Looker, Excel (Power Query, Pivot)

Modeling: Star Schema, DAX, KPI Design, Data Warehousing, Data Governance

Data & ETL: SQL (T-SQL, PostgreSQL), SSIS, dbt, Azure Data Factory, Python

Analysis: Forecasting, Variance Analysis, Cohort Analysis, Root-Cause Analysis

Platforms: Snowflake, SQL Server, Azure Synapse, BigQuery, Salesforce

Practices: Agile, Requirements Gathering, Stakeholder Reporting, Jira

Professional Experience

Business Intelligence Analyst

May 2024 – Present

Aspen Health Analytics — Denver, CO

- Designed 25 Power BI dashboards and a star-schema data model for finance and operations, used by 500+ employees weekly.
- Identified \$3.1M in cost-reduction opportunities by analyzing supply, staffing, and claims data and presenting findings to the executive team.
- Rebuilt SQL and DAX logic to cut dashboard load time from 45 seconds to 6 seconds and refresh from 4 hours to 35 minutes.
- Automated monthly reporting with Azure Data Factory and dbt, reducing preparation time by 70% (30 hours to 9 hours).
- Established a governed KPI dictionary of 60 metrics, resolving conflicting definitions across 5 departments.

Reporting Analyst

Aug 2022 – Apr 2024

CloudNest Software — Boulder, CO

- Delivered 15 Tableau dashboards on ARR, churn, and pipeline, supporting Sales and Customer Success leadership.
- Wrote complex SQL against Snowflake and Salesforce data (80M+ rows) to support weekly forecasting, improving forecast accuracy by 18%.
- Built cohort and retention analyses that guided onboarding changes, lifting 90-day retention by 11%.
- Gathered requirements through stakeholder interviews and ran training sessions for 120 users, driving 65% adoption of self-service BI.

Projects

- Revenue Cycle Dashboard:** End-to-end Power BI solution tracking denials and days in A/R; contributed to a 9% reduction in denial rate.
- Data Quality Monitor:** SQL and Python checks with automated alerts that cut reporting errors by 45%.

Education

B.S. in Business Analytics

2022

University of Colorado Boulder, Leeds School of Business | GPA 3.7/4.0

Certifications

Microsoft PL-300: Power BI Data Analyst • Tableau Certified Data Analyst • Snowflake SnowPro Core • Google Data Analytics