

brandyemurray@gmail.com

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Portfolio

LinkedIn

## Education

2019 – 2020

**Master of Science in  
Business Data Analytics**

Maryville University of St. Louis  
GPA: 3.96

2004 – 2008

**Bachelor of Science in Finance  
Bachelor of Science in Economics**  
Montana State University

## Certificates

2023 – Present

**Data Visualization with Kevin Hartman**  
| elvtr |

2023 – Present

**Advanced Data Analytics**  
Google

2020 – 2021

**Post-Graduate Program in  
Data Science & Business Analysis**  
University of Texas – Austin

## Skills

Programming:

- Python
  - Pandas, Numpy, Matplotlib, Scikit-Learn, Keras
- SQL

Machine Learning:

- Linear Regression
- Logistic Regression
- Decision Trees
- Random Forest
- KNN
- K-Means
- PCA
- Association Rule Learning
- Casual Impact Analysis

Other:

- Statistics
- Github
- Data Visualizations
- Jupyter Notebook
- MS Office
- Tableau
- Looker
- Google Cloud Platform

# BRANDY MURRAY

## SENIOR ANALYTIC PROFESSIONAL

## Experience

2021 - 2023

### Capacity Planning Analyst @ Salesforce

- Optimized future migrated load projections for Hyperforce by collaborating closely with the data science team to create an advanced forecasting calculator using Tableau. This achievement led to a 25% reduction in migration cancelations in the first month.
- Enhanced strategic decision-making on migrating customer scratch orgs to Hyperforce by defining crucial KPIs. This informed process utilized data-driven strategy design and cross-functional collaboration leading to an informed cost-benefit analysis.
- Using trend analysis, proactively monitored instance cell health, taking prompt action to ensure consistent optimal results and customer satisfaction.
- Partnered cross-functionally with Product, Engineering, & Business teams, driving the prioritization of demand support and producing a unified version of truth for capacity demand from disparate data sources and systems.

2019 - 2022

### Founder/Management Consultant @

### Lone Peak Data Analytics & Business Solutions

- Utilized K-Means Clustering to drive a 45% YOY revenue increase for a client by analyzing traffic light data and steering shifts in marketing approaches.
- Developed tailor-made employee-specific dashboards, enhancing operational efficiency, and freeing up employees for new workloads leading to ~80% time savings.

2016 - 2019

### Budget & Fiscal Manager @ Montana State University

- Demonstrated strong leadership by chairing a strategic planning committee, resulting in a 30% reduction in payroll costs through personnel optimization and other fiscal efficiency corrections.
- Led a team of 10 while monitoring a \$30M budget with funds sourced from 4 distinct sources, ensuring efficient financial management using Power BI and advanced Excel VBA.

2015 – 2016

### Grants & Contracts Analyst @ Huntsman Cancer Institute

- Directed a Pilot Project program for NIH, including reviewing daily fiscal operations of 4 projects; creating funding proposals and monitoring the proposals' scope of work to ensure regulatory compliance.
- Developed and delivered support to 30+ principal investigators with all aspects of risk mitigation by analyzing over 50 projects at a time.

2011 – 2015

### Business Manager @ Western Transportation Institute

- Served as a member of the Executive Management Team.
- Exemplified leadership expertise to develop a \$6M budget for 9 subcontractors and 100+ divergent projects.