

Navid Hedayati

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EDUCATION

MS, Statistics, San Diego State University, May 2020

BS, Applied Mathematics (Minor in Mechanical Engineering), UC San Diego, June 2015

WORK EXPERIENCE

Independent Driver | Uber | January 2022 - Present

- Provide reliable and safe transportation while maintaining a 4.98-star rating.
- Resolve customer concerns promptly, including locating and returning lost items.
- Demonstrate adaptability, professionalism, and strong interpersonal communication in a fast-paced environment.

Data Science Intern | SANDAG | October 2022 - October 2023

- Developed documented Python and SQL pipelines to retrieve, validate, transform, and export data from Azure, Google BigQuery, web portals, and APIs.
- Created GIS feature classes and published datasets, maps, visualizations, and measure cards to the SANDAG Open Data Portal using ArcGIS and Esri tools.
- Produced employment-center analyses covering jobs, workforce demographics, origin-destination commuting patterns, and Replica travel behavior across San Diego County.
- Researched authoritative data sources and automated the collection and calculation of United Nations Sustainable Development Goal indicators.

TECHNICAL EXPERTISE

- Programming and analysis: Python (Pandas, NumPy, SciPy, GeoPandas, Matplotlib, Beautiful Soup), R, and SQL.
- Statistical modeling and machine learning: linear and logistic regression, decision trees, random forests, gradient boosting, SVM, k-NN, k-means, cross-validation, and model evaluation.
- Data platforms and visualization: ArcGIS Pro, Tableau, Google BigQuery, Azure, APIs, geospatial analysis, dashboards, and analytical reporting.

SELECTED PROJECTS

Survival Classification in Critically Ill Patients | Completed July 2026

- Built a reproducible R logistic regression model using admission data from 112 critically ill patients; prevented temporal leakage with patient-level validation and achieved 73.9% accuracy, 63.6% sensitivity, and 83.3% specificity.

Predicting Prostatic Capsular Penetration | Completed August 2026

- Compared interpretable logistic regression models across 380 prostate cancer observations using 20 repetitions of stratified 10-fold cross-validation; achieved a mean ROC AUC of 0.810 and Brier score of 0.173.

PROFESSIONAL DEVELOPMENT

- 5-day AI Agents Intensive Course with Google, December 2025.