Abhas Wanchu

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Professional Profile

Data scientist with a passion for leveraging data to drive impactful business decisions. Dedicated to uncovering insights, communicating findings effectively and delivering actionable results.

Education

University of California, Berkeley – Master of Information and Data Science　　　　　　　May 2026
Relevant Courses: Data Engineering, Statistics for Data Science, Applied Machine Learning, Machine Learning at Scale, Computer Vision, Natural Language Processing, Generative AI

Lewis & Clark College, Portland – Bachelor of Arts in Psychology and Economics　　　　　　2019
Relevant Courses: Behavioral Economics, Judgement and Decision Making, Econometrics, Human Computer Interaction, Cognition, Game Theory

Projects

Question Answering Tools for Unilateral Contracts, Lead, *University of California, Berkeley*　　2025
Simplifying complex privacy policies for consumer transparency with ethical AI

Frequent User System Engagement, Lead, *Joint Office of Homeless Services*　　　　　　　2024
Developing and leading a data driven program for Multnomah County that connected high-need individuals with permanent supportive housing through cross-system data sharing, and presented the program's success in data modernization and integration at the National Human Services Data Consortium

Skills and Tools

- LangChain, LangGraph, Hadoop, MapReduce, Spark
- Python, R, SQL, SPSS, Stata, C++, ArcGIS

- AWS, Snowflake, Azure, GCP, NoSQL
- TensorFlow, PyTorch, Tableau, PowerBI

Experience

Homeless Services Department (Multnomah County)　　　　　　　　　　　　　**Portland, OR**
Data Analyst, Sr.　　　　　　　　　　　　　　　　　　　　　　　　　　　　2022 – Current
- Lead the creation and negotiation of a first-in-state data sharing agreement between health and housing partners to create a housing program that serves individuals with high acuity needs and usage of justice, health and housing systems, leveraging this innovation for Medicaid 1115 Waiver
- Analyze data to extract insights, identify trends, and answer key business questions to generate data driven reports that impact decision making and support strategic goals
- Prepare and deliver annual and quarterly reports on key performance metrics, federal and local standards to provide internal and external stakeholders (Board of County Commissioners, Public Meetings and Advisory Groups) with clear information on organization's progress

Transition Projects, Inc.　　　　　　　　　　　　　　　　　　　　　　　　**Portland, OR**
Data Analyst　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　2019 – 2022
- Facilitated KPI process enhancements, ensuring accessibility and understanding for all technical levels within a non-profit organization by automating manual processes through developing reports and Python scripts
- Communicated complex data insights in an engaging and accessible manner to diverse audiences by tailoring communication to different groups and creating a public facing dashboard

Hobbies

- Soccer, Disc Golf, Table Tennis, Game Design
- Autocross, Light Painting, Photography