

Yadnyeya Vairat

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SKILLS

Languages: Python (Pandas · Matplotlib · NumPy · Scikit-learn) · C++ · R · SQL · DAX · VBA

Databases: AWS Redshift · GCP BigQuery · Microsoft SQL Server (SSMS) · MySQL · Oracle · Snowflake · Hadoop

Data Analysis & Modeling: Excel (PivotTables · VLOOKUP · ToolPak) · Power BI · Tableau · Looker · Visio · Lucidchart

Project Management: Agile (Scrum · Kanban) · SDLC · Jira · Trello · Confluence · MS Project · Slack · Figma · Power Automate

Platforms & Tools: AWS (EC2 · S3 · Lambda · Athena) · GCP (VMs · Storage) · Azure Synapse · Alteryx · SAP ERP · Salesforce CRM

Business Analysis: Requirements Documentation (BRD · FRD) · Business Process Modeling (BPMN · UML) · Business Rules · User Stories · RCA · UAT · A/B testing · Cost-Benefit Analysis · Statistical Analysis · Financial Modeling · Bloomberg Terminal

Certification: Microsoft Business Analyst Professional Certificate · Bloomberg Finance Fundamentals · Bloomberg Market Concepts

EXPERIENCE

IT Systems Analyst

Oct 2023 - Present

IT Support Services at California State University, Chico, CA

- Employed root cause analysis to resolve escalated hardware, software, and network issues via multimodal communication.
- Supported device imaging, system deployments, and access control, gaining hands-on experience with enterprise IT operations and systems administration using SCCM, Active Directory, Jamf, Azure Intune.
- Improved processes by implementing workflows, reducing average issue resolution time by 20%; contributed to documentation and trained new technicians.
- Provided technical support to 20K+ users, collaborating with cross-functional teams with 90% resolution using TeamDynamix.

Equity Analyst

Oct 2023 - Present

Chico Creek Capital Investment Fund, Chico, CA

- Executed equity research and financial analysis to inform \$50K portfolio strategy, resulting in a 30% return at its peak.
- Leveraged Bloomberg Terminal for gathering real-time market data, company operations/supply chains, and comparing equities based of multiple financial valuation methods.
- Built Discounted Cash Flow models and Efficiency Frontier simulations using Sharpe ratio with integrated visualizations in Excel to perform risk evaluation and predictive assessment.
- Developed equity reports and presented insights during stakeholders' meetings to execute trades through voting sessions.

Summer Engineering Intern

May 2024 - Aug 2024

Abylle Solutions Private Limited, Remote, Switzerland

- Configured CI/CD pipelines for the Virtual Tax Advisor, enhancing the SDLC by reducing deployment time by 40%.
- Integrated unit tests into Jenkins pipelines reducing post-deployment defects by 20% through automated testing.
- Developed YAML templates to launch pre-configured EC2 instances using CloudFormation, reducing setup time by 50%.
- Contributed to sprint goal success being part of Agile (Scrum) team using Jira for continuous improvements.

Resident Advisor

Aug 2024 - Dec 2024

University Housing at California State University, Chico, CA

- Organized events and supported 60+ residents, ensuring communication between residents and staff.
- Improved onboarding and resolved student concerns, fostering community and demonstrating leadership.

EDUCATION

B.S. in Management Information Systems and Minor in Computer Science

2021 - 2025

California State University, Chico, CA

PROJECTS

E-Commerce Sales Analysis on AWS

- Created full suite of BA documentation including UML diagrams, BRD, FRD, SWOT analysis, Business Case, RACI matrix, Stakeholder Register, and KPI definitions to support analytical insights and decision-making.
- Built cloud-based data pipeline using AWS S3, Glue, and Redshift to process and store sales data.
- Automated ETL workflows with PySpark in AWS Glue, performing data cleaning, transformation, and loading into Redshift.
- Developed dashboards connecting Power BI to visualize KPIs like yearly revenue, top geographic locations, and sales trends.

Where to Live and Invest – County-Level Housing and Cost Analysis

- Used Python (Pandas, SQLite) to clean, transform, and load Zillow and EPI datasets of 3,000+ U.S. counties in BigQuery.
- Built calculations fields Tableau for home appreciation, cost burden, ROI metric; applied linear regression for predictions.
- Designed Tableau dashboard with filters and rankings to highlight high-growth, cost-efficient counties for real estate analysis.