

Devendran Vemula

+1 (520) 4603974 • devendranvemula@gmail.com • Tucson, Arizona • LinkedIn • Github

EDUCATION

Master of Science, Data Science

University of Arizona

Jan '24 - Dec '25

Bachelor of Technology, IT

Anna University

Aug '19 - Apr '23

TECHNICAL SKILLS

Databases: SQL Server MySQL, MongoDB, Mongoose, Oracle,

Programming Languages: HTML, CSS, SCSS, Bootstrap, JavaScript, AngularJS, React.js, Ionic, Node.js, Python, R,

Data Analysis & Visualization: Power BI, Tableau, MS Excel, Seaborn, Matplotlib, Statistical Analysis, Qualitative Analysis,

Cloud & DevOps: Amazon Web Services (AWS), Google Cloud, Firebase, Render,

Development & Collaboration Tools: JIRA, git, SharePoint, Adobe XD, Agile Methodology, ChatGPT,

Soft Skills : Leadership, Project Management, People Management, Teamwork, Critical and Analytical Thinking, Problem Solving,

PROFESSIONAL EXPERIENCE

Data Analyst Intern

Nov '22 - Apr '23

Vertisize IT Solutions | Bangalore

- Analyzed data from the *raaonline* e-learning platform to visualize course popularity, user engagement, and geographic trends
- Improved website traffic and user retention by identifying high-interest content and optimizing platform efficiency
- Boosted sales by analyzing user **behavior and focusing content** development on top-performing courses and regions
- Developed dashboards to present insights on **user activity, session duration, and traffic sources**, driving data-informed decisions for content strategy and marketing
- Conducted A/B testing on different course offerings and content layouts, **providing recommendations** that increased user engagement and conversion rates.

ACADEMIC EXPERIENCE

Data Analyst | Data Visualisation- Covid-19 Data

Jan '24 - Apr '24

University Of Arizona

- Engineered interactive data visualizations using R and Shiny to analyze **COVID-19 trends, infection rates**, and recovery statistics
- Enhanced understanding of pandemic data through in-depth analysis and visual representation
- **Devised** dashboards featuring **line graphs, bar charts**, and **heatmaps** to represent the progression of the **pandemi**
- Processed and cleaned large datasets to ensure accurate data representation, enabling more informed decision-making

Data Analyst |Data Visualisation- Childcare Pricing Trends

Jan '24 - Apr '24

University of Arizona

- Created an interactive data visualization dashboard using **R and Quarto**, incorporating dynamic graphs and charts for analysis
- Analyzed pricing discrepancies across states and demographics through interactive visualizations, **providing valuable insights for researchers and policymakers**
- Ensured efficient handling and presentation of large datasets, delivering a user-friendly interface for exploring childcare cost-trends

Data Analyst | HR Data Visualization Dashboard

Aug '24 - Oct '24

University of Arizona

- Incorporated a wide variety of graphs, including **gender demographics, education levels**, salary distribution, and performance ratings, enabling insights into **8,950** employees
- Utilized the **Faker library in Python** to generate realistic employee data and performed extensive data cleaning to ensure accuracy
- Designed and implemented interactive visualizations such as **bar charts, heatmaps, and scatter plots**, providing insights into employee demographics, department performance, and salary trends
- Analyzed employee location data to identify key regions and their hiring trends, contributing to better resource allocation strategies
- Streamlined **HR data** analysis processes to enhance tracking of key performance indicators and enable more informed decision-making and improved resource management **Project link:** [HR Dashboard on Tableau](#)