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| ***Akshay Ramesh*** ***Nair*** |

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| ***Professional Summary***  Data Analyst with comprehensive experience in data management, business analytics, and machine learning. Proven track record of enhancing operational efficiency, conducting advanced analyses, and leading cross-functional teams. Proficient in a diverse range of programming languages, tools, and methodologies.  ***Work History***  Data Analyst. Austin, TX  *Informa Tech | 10/2021 - Current*   * Produced and delivered weekly reports, providing actionable business insights. * Contributed to the development and maintenance of the KEMA dashboard, including data preparation, transformation, and visualization, especially during a colleague's paternity leave. * Performed NLP analysis on employee surveys to enhance satisfaction levels. * Led initiatives to optimize data and analytics tools, ensuring scalability and seamless integration. * Conducted weekly Omdia booking reports using Excel and developed an automated version in Tableau for sales and research manager stakeholders. * Developed proof of concepts using OpenAI API for data management, including taxonomy mapping and creating an AI-generated data dictionary used to develop a SQL playbook for the Brand and Demand instance of Salesforce.   Data Analyst. Seattle, WA  *Apex Systems, Amazon.com, Inc | 03/2021 - 10/2021*   * Led a cross-functional team to enhance the EP&A organization's Module Design guide * Organized weekly virtual meetings for problem translation and work breakdown * Coordinated collection of 80,000+ data entries from 35+ stakeholders within 6 months * Supported the development of the SCAR dashboard on quicksight. * Produced monthly reports using advanced Excel spreadsheet functions.   Machine Learning Engineer. Tempe, AZ  *Arizona State University With Dell | 08/2020 - 03/2021*   * Supported machine vision solution development for notebook laptop inspections * Utilized CNN and YoloV4 for custom object detection with an 88% accuracy * Developed NLP pipeline for custom-named entity recognition. * Leveraged artificial intelligence and machine learning algorithms for standalone products and enhanced existing product offerings.   Business Analyst Consultant. Tempe, AZ  *Honor Health | 06/2020 - 08/2020*   * Collaborated on product formula creation and distribution model establishment * Reduced overall nurse workload by 5.2% through optimized capacity planning * Developed financial models and automated forecasting tools. * Interacted with internal customers to understand business needs and translate into requirements and project scope. * Conducted interviews with key business users to collect information on business processes and user requirements.   Trainee Decision Scientist  *Mu Sigma INC | 03/2019 - 07/2019*   * Analytics of a B2B energy retailer, Implemented Monte-Carlo simulation and logistic regression for customer churn analysis * Created a resolution dashboard for customer relations using R-shiny * Identified and rectified abnormal test results |  | ***Skills***   * Programming Languages: Python, R * Databases: MySQL, SQL * Cloud Platforms: Azure, AWS * Tools: SAS, SPSS, @RISK, Palisades Decision Suite, Tableau, Domo, PowerBI * Specialties: Data Management, Enterprise Data Modeling, Statistical & Optimization Modeling, Data Visualization, Business Intelligence, Data Warehousing, Computer Vision      * Programming Languages: Python (including Pandas, NumPy, Scikit-Learn), C, C++, R, MATLAB * Databases: MySQL, SQL * Cloud Platforms: Azure, AWS * Tools: SAS, SPSS, @RISK, Palisades Decision Suite, Tableau, Minitab, PowerBI * Specialties: Data Management, Enterprise Data Modeling, Statistical & Optimization Modeling, Data Visualization, Business Intelligence, Data Warehousing, Computer Vision (Tensorflow, Keras, YoloV4), Deep Learning   ***Education***  Arizona State University  Tempe, AZ  Master of Science : Business Analytics  Sastra University  Thanjavur, Tamil Nadu  Bachelor of Technology : Electronics and Communication  Campbellsville University  Louisville, KY  Expected in 06/2025  MBA : Information Technology |