Medhini C U
Data Analyst

📱 +91 87224 49427   ✉ medhiniudaya@gmail.com

Career Objective

Aspiring Data Analyst with a strong foundation in data visualization and analytical tools like **Power BI**, **Python**, and **MS Excel**. Passionate about transforming raw data into actionable insights that drive decision-making. Seeking a challenging opportunity to contribute to data-driven projects in a dynamic, growth-focused organization.

Education

PES Institute of Technology and Management – VTU
Shimoga, India
Bachelor of Engineering, Computer Science & Engineering   **Aug 2019 – May 2023**

Technical Expertise

Skills: Data Analyst, Power BI, Java, HTML, CSS, JavaScript, Python, MySQL.
Tools/IDE: Eclipse, Visual Studio Code.

Technical Summary

- Strong understanding of Data Analysis.
- Good understanding of RDBMS concepts, dependency, and normalization.
- Proficient in writing SQL statements, HTML Coding

Trainings Attended

- Data Analyst & Power BI.
  1. Data Collection & Cleaning
    - Gather data from different sources like databases, spreadsheets, APIs, etc.
    - Remove errors, duplicates, and inconsistencies to prepare clean data for analysis.

  2. Data Analysis
    - Use tools like **Python**, **Excel**, or **SQL** to explore patterns, trends, and correlations.
    - Apply statistical methods to extract meaningful insights.

  3. Data Visualization
    - Create charts, dashboards, and reports using tools like **Power BI**, **Tableau**, or **Matplotlib/Seaborn** in Python.
    - Present insights in a visually understandable way to non-technical stakeholders.

  4. Business Insight & Reporting
    - Translate data findings into actionable recommendations.
    - Prepare reports and presentations that support decision-making.

  5. Collaboration
    - Work closely with business teams, managers, and sometimes data engineers or developers.
    - Understand business requirements and provide data solutions.

  6. Database Handling (Optional but Valuable)
    - Write **SQL queries** to extract and manipulate data from relational databases like MySQL.

Projects

HR Analytics Dashboard – Power BI Project (Tansak IT Solution)

Designed and developed an interactive HR analytics dashboard using **Power BI** to analyze employee attrition trends and job satisfaction levels.

Key Highlights:
- Visualized key KPIs: **Overall Employees**, **Attrition**, **Attrition Rate**, **Active Employees**, and **Average Age**.
- Created charts for:
    - **Department-wise Attrition**
    - **Age & Gender Distribution**
    - **Education Field vs. Attrition Count**
    - **Job Satisfaction Ratings by Job Role**
    - **Age Group-wise Attrition Rate**
- Applied **slicers, filters**, and **drill-through interactions** for dynamic data exploration.
- Utilized **bar, pie, and donut charts** for clear and impactful data representation.
- Strengthened skills in **DAX calculations**, **data transformation**, and **data storytelling**.

Personal Portfolio Website.
- I have completed my portfolio website using HTML, CSS, and JavaScript, showcasing the projects and skills listed in my resume. The website highlights my background in Computer Science and Engineering and includes detailed sections on my education, technical expertise, and projects.

Website Testing for QAFox.com using Manual Testing process.
- Developed and executed test cases and scenarios to ensure the functionality and reliability of the website. - Identified, documented, and reported bugs and issues, collaborating with the development team to resolve them. - Conducted usability testing to enhance user experience and accessibility**.**

College Projects

Oral Cancer Detection and Classification Using Deep Learning.
- LabelImg, CVAT, or VGG Image Annotator (VIA), TensorFlow/Keras, PyTorch, ONNX, VGG, ResNet, Inception, or EfficientNet, Vision transformers (ViT), U-Net, Mask R-CNN, or Deeplab, SHAP, LIME, or Grad-CAM, Streamlit or Gradio, AWS, Azure, or Google Cloud, TensorFlow Lite or PyTorch Mobile, Docker, Flask or FastAPI, Dice Coefficient or IoU.

Fake News Detection Using Machine Learning.
- BeautifulSoup, Scrapy, and Selenium (for collecting news data from websites).Convolutional Neural Networks (CNNs), Neural Networks (RNNs) or Long Short-Term Memory (LSTM), Flask/Django, FastAPI, AWS, Azure, or Google Cloud, Docker and Kubernetes, ROC-AUC, News APIs like NewsAPI, OpenAI APIs, or social media APIs for gathering news articles and user-generated content.

Certification

- Completed an internship in Machine Learning and earned the title of Excellent Intern Employee at the 2022 Corporate Carnival at Contriver, Bengaluru.
- Completed a course in Full-Stack Development at KodNest, Bengaluru. I embarked on an intensive journey into the realm of full-stack development, focusing primarily on Java and Python technologies (2023-2024).
- Completed an engaging CSS & HTML course with PREPINSTA, gaining valuable skills in web design.
- https://www.freecodecamp.org/certification/fcc2b1b826d-0a14-45d6-a274-924244d96bf6/responsive-web-design
- Completed the Tele-Associate Freelance program at Indiamart.
- Completed a 5-day workshop on "HACKERRANK BOOTCAMP" and got a certificate.
- Completed an intensive 6-month course on "C, C++, and Java," organized by NES Institute, enhancing my programming skills and expertise.