SowriNandanReddy Beechu

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Education

Sree Vidyanikethan Engineering College, Tirupathi   **Nov 2021 - May 2025**
Computer Science and Engineering -AIML
  • **Achievements:** CGPA: 9.42

SKILLS

  • **Programming & Automation:** Python, Java, SQL, HTML, CSS, Javascript.
  • **Version Tool:** Git
  • **Data Visualization:** Basic of Power Bi, Tableau, Excel.

PROJECTS

Automate Sales Visualization Using Power Query
  • Power Query extracts, cleans, and transforms sales data from multiple sources (Excel, SQL, CSV) into a structured format, ensuring accuracy and consistency with minimal manual effort.
  • The transformed data is used to create interactive dashboards in Excel or Power BI, featuring real-time updates, trend analysis, and automated reporting for better decision-making.

Electric Vehicle Analysis
  • The Power BI project focuses on analyzing electric vehicle data using different visualizations like line charts, bar charts, and maps.
  • The dashboard provides insights into vehicle distribution by model year, state, manufacturer, eligibility, and popular models.

Password generator
  • *This Python-based Password Generator uses Tkinter for a simple GUI, allowing users to create random passwords by specifying length and repetition preferences. It includes error handling for invalid inputs and displays the generated password in a read-only field for easy access.*

Certifications

  • **Programming through Java**: NPTEL Swayam Online Certification
  • **Python Foundation Certification**: Infosys Springboard
  • **DSA through Python**: NPTEL Swayam Online Certification
  • **MicroServices Architecture**: NIT Trichy
  • **AWS Cloud Virtual Internship**: AICTE

Achievements

  • **Leveraged analytical results obtained through investigating patterns among approximately five dozen recent case resolutions as contributions toward developing streamlined protocols adopted for new feature implementation processes.**
  • **Achieved distinguished GOLD medal recognition by ranking in the exclusive TOP 5% of participants at SWAYAM NPTEL's challenging programming course, which focused on advanced Java techniques among thousands of students nationwide.**