

LAVANYA KARJA

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Lavanya Karja | LinkedIn

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BANGALORE, KA

PROFESSIONAL SUMMARY:

Highly analytical and process-oriented data analyst with in-depth knowledge of database types; research methodologies; and big data capture, curation, manipulation, and visualization. Proficient in identifying efficiencies and problem areas within data streams, while communicating needs for projects. Adept at receiving and monitoring data from multiple data streams, including access, SQL, and excel data sources.

CORE COMPETENCIES:

• Data Analysis • Data Visualization • Data Management • SQL • Python Programming • Advanced Data Mining • Business Intelligence • Report Building • Dashboard Creation • Data Structures • Data Cleaning • Pandas/Numpy • Data Technologies • Storytelling • Advance Excel • Power BI • Pivot Tables

EDUCATION:

MASTER'S DEGREE IN POWER ELECTRONICS ENGINEERING | VISVESVARAYA TECHNOLOGICAL UNIVERSITY | 2017

BACHELOR'S DEGREE IN ELECTRONICS & COMMUNICATIONS ENGINEERING | VISVESVARAYA TECHNOLOGICAL UNIVERSITY | 2015

PROFESSIONAL EXPERIENCE:

Silver Crest Private Limited
Data Analyst

Sep 2022– Present

- Understanding business needs and objectives and developed processes for effective data analysis and reporting. Designed and implemented data models, data transformations, and data validation processes
- Collaborated with business analysts and stakeholders to gather requirements and translate business needs into technical specifications.
- Utilized excel functionality to gather, compile and analyse data from pivot tables and created graphs and charts. Provided analysis on any claims data discrepancies in reports or dashboards.
- Key team member responsible for requirements gathering, design, testing, validation, and approval of sole analyst charged with leading the corporate efforts to achieve CQL (council on quality leadership) accreditation.
- Work with other developers and IT teams to integrate Power BI solutions with other systems and applications
- Imported data from multiple data sources like Excel, and CSV into BI Tools, created relationships between tables, created calculated columns and measures using DAX Query. Expertise in designing Report templates, bar charts, graphs , and pie charts based on data Developed various operational Drill-through, and Drill-down reports using BI.
- Responsible for maintaining quality reference data in SQL/MySQL and by performing operations such as cleaning, transformation and ensuring Integrity in a relational environment Involved in Development and Testing of Data.
- Designed and developed insightful dashboards using Power BI, used Spark SQL and to pre-process large and complex data.
- Develop, refine, and scale data management and analytics procedures, systems, workflows, and best practices
- Identified, analysed, and interpreted trends or patterns in complex data sets.

Scem Engineering College
Assistant Professor

Apr 2018 – Jun 2021

- Lead the department's undergraduate and graduate programs and expand the program's research activity and external funding while maintaining its core mission of delivering an excellent undergraduate education and experience
- Acted as key drivers and lead investigators for new federally and state-funded programs, industrial partnerships and collaborations that leverage faculty expertise across the college of engineering and the university
- Played an active role in the teaching and mentoring mission of the department, including the development of undergraduate and graduate-level courses

- Conducted advanced courses like quantum technologies engaging traditional student population as well as non-traditional and online stakeholders to further regional interests in workforce development
- Participated in outreach and contribute to departmental, college, and university service.

INTERNSHIP – PROJECTS:

PROJECT: FINANCE (BANK LOAN OF CUSTOMERS) PROJECT.

DURATION – JUNE 2022 – SEPTEMBER 2022

ROLE – DATA ANALYST

CERTIFICATIONS:

- Successfully completed certification program in Data Analyst by ExcelR Solutions (IBM) – JULY 2022
- Successfully completed certification in three months of internship by ExcelR Solutions – AUGUST 2021
- Successfully completed certification in Data Visualization by IBM- OCT 2022