

ABITHA

- Kanniyakumari
- ☎ 8668073361
- ✉ abithainbam@gmail.com

SUMMARY

Computer Science and Engineering graduate with a strong foundation in Software Testing and Software Development Life Cycle (SDLC). Knowledgeable in Manual Testing, STLC, test case design, defect life cycle, SQL, and Agile methodologies. Familiar with Python and business analytics tools. Eager to begin a career as a Business Analyst where I can contribute through analytical thinking, attention to detail, and continuous learning.

TECHNICAL SKILLS

Tools : Microsoft Excel, Power BI, Tableau, R studio, word.

Database : My SQL, SQL Queries

Programming : Python

Software Testing: SDLC, STLC, Manual Testing, Functional Testing, Regression Testing, Smoke Testing, Sanity Testing, Bug Lifecycle, Severity Vs Priority, Test Case Design.

Methodologies: Agile Scrum

PROJECTS

1. Computational Efficient Single-Layer Transformer Convolution Model for Agriculture Price Prediction

Tools: Python, Machine Learning, Pandas, NumPy, Scikit-Learn, Matplotlib

Description:

- Developed a predictive model for agricultural price forecasting.
- Performed data preprocessing, exploratory data analysis, model training, and evaluation.
- Improved forecasting efficiency while maintaining prediction accuracy.

2. Road Accident Analysis Dashboard - Trivandrum

Tools: Power BI, Excel, Power Query, Dax

Description:

- Analyzed road accident data to identify trends, accident hotspots, and contributing factors.
- Cleaned and transformed raw data using Power Query to improve data quality.
- Built an interactive Power BI dashboard with KPIs, charts, maps, and slicers for dynamic reporting.
- Created DAX measures to calculate accident statistics and compare trends across locations and time periods.
- Delivered data-driven insights to support road safety awareness and decision-making.

EDUCATION

B.E. Computer Science and Engineering
University College of Engineering, Dindigul
CGPA: 8.02

2022– 2026

Higher Secondary Education (12th)
Government Higher Secondary School, Ottaiyalvilai
Percentage: 84.5

2021– 2022

CERTIFICATION

Business Analytics Certification

IPCS Global, Trivandrum
