

# KARTHICK VEDHAGIRI

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Chengalpattu , Tamilnadu 603109

WEBSITES,  
PORTFOLIOS,  
PROFILES

- <https://www.linkedin.com/in/karthick-vedhagiri-81974613b/>

## SUMMARY

Goal-oriented and motivated Database analyst with more than three years of experience maintaining internal databases and troubleshooting issues, I am enthusiastic about leveraging my skills and experience to contribute to the success of the team and drive continuous improvement. As a highly motivated analyst I bring a fresh perspective and a strong foundation in programming principles to contribute effectively to dynamic development teams. My experience from internships and personal projects equips me with the skills necessary in database roles.

## SKILLS

- Python
- Excel
- SQL
- Tableau
- PowerBI Reporting
- Data Validation
- Data Mining
- Data Modeling
- Advance Analytical Thinking
- Microsoft Office
- Communication Skills
- Team Collaboration
- Problem Solving
- Adaptability
- Database querying
- Interactive Visualization

## EXPERIENCE

**DATA ANALYST TRAINEE** | 01/2023 to 05/2024

**EpowerX Learning Technologies Private Limited - Chennai**

- Performed exploratory data analysis on large datasets to identify trends and outliers.
- Developed and maintained Tableau dashboards with interactive visualizations.
- Created custom views, charts, graphs, filters, parameters, and data sources to meet specific user requirements.
- Developed data visualizations and dashboards to track business metrics using Tableau.
- Created SQL queries to extract relevant information from relational databases for various projects.
- Developed automated scripts to streamline data processing tasks using Python.

**ASSOCIATE QUALITY ANALYST** | 12/2019 to 08/2022

**Greatoo india pvt ltd - Chengalpattu**

- Conducted root cause analysis to identify issues in product performance or development using excel
- Weighed raw data, reviewed parts history and organized results prior to quality analysis.
- Performed detailed analysis of quality assurance data to identify trends and patterns.
- Analyzed customer feedback to develop strategies for improvement in quality control systems.
- Documented test results and created reports on findings for management review.
- Resolved customer complaints by conducting thorough investigations into product defects or process failures.
- Provided technical support for internal teams during the development process by validating designs and reviewing code changes.

- Performed data analysis, reconciliation and reporting activities using excel

## EDUCATION AND TRAINING

**Skill Lync - Chennai**  
**Master of Data analytics and data science**  
 Data Science, **2024**

**SRM, Valliammai Engineering College - kattankulathur, chennai**  
**Bachelor of Degree in Mechanical Engineering**  
**05/2019**

**ATA Polytechnic College - India**  
**DME**  
**05/2016**

**PTVS high school - India**  
**class X**  
**05/2013**

## ACCOMPLISHMENTS

- Streamlined workflow by consolidating lengthy processes and redundant documentation which resulted in more effective and timely completion of projects.
- Created and developed critical data policies to consistently exceed quality and production targets.
- Enhanced database processes, implementing across department for increased productivity and profits.

## MAIN PROJECTS

### **Creating Data Visualization in the Hospital Dataset using Tableau and Excel:**

- Which includes complete hospital and patient related data like Ward facility, hospital id, type of admission, severity of the illness and patient details so on.
- Since it is also common in the hospital to upload their patient details in their database for their current and also for their future uses.

### **Data Analysis for Foodie-fi application data set with using SQL:**

- Foodie-fi is a subscription-based meal delivery service that offers various plans to its customers.
- The goal of this project is to perform data analysis on the Foodie-fi dataset using SQL to gain insights into customer behavior, subscription trends, and overall business performance.
- This analysis will help the company make data-driven decisions to improve their services and increase customer satisfaction.

### **Exploratory Data Analysis on Vehicle Insurance Customer Data using python:**

- The main objective of this project is to perform Exploratory Data Analysis (EDA) on vehicle insurance customer data.
- This EDA project will help in understanding the key characteristics of vehicle insurance customers, their behavior, and the factors affecting insurance claims and premiums.
- The insights gained can be valuable for insurance companies in designing better policies, targeting the right customer segments, and improving overall customer satisfaction

## CERTIFICATIONS

- Python
- Sql
- Tableau
- Excel
- Power BI

## LANGUAGES

**Tamil:** First Language

**Tamil:**

C1

Advanced (C1)

**English:**

B1

Intermediate (B1)

PERSONAL  
INFORMATION

Father's Name: Vedhagiri.S  
Age :26  
Date of birth: 24/05/1998  
Gender: Male  
Nationality: Indian  
Marital status: single