Sudhakar Vijayakumar

Data Science Aspirant

A tech savvy, analytics enthusiast with interest in the field of analytics and programming and having experience in data analytics, text mining, text analytics and machine learning. Being comfortable with various programming languages, have developed and launched web apps for data mining, simulation, optimization tools, online portal for students and faculties, etc. A level headed problem solver with an eye for detail and organizing skills.

sudhakar.explore@gmail.com ✉

+91 - 890 3342 116 📱

Pondicherry, India ⌖

linkedin.com/in/sudhakarvijayakumar/ in

sudhakar.explore Ⓢ

www.sudhakar24.in 🖥

ACADEMIC QUALIFICATION

(Ph.D) - Text Analytics Pondicherry University	2019
JRF - Management	2019
MBA - Operations and Systems - 8.92, First Class Pondicherry University	2019
B.E. - Mechanical Engineering - 6.85, First Class Anna University	2015

SOFTWARE PROFICIENCY

`SPSS` `PowerBI` `R Programming`

`Python Programming` `SQL` `SAS`

`R-Text Analytics` `Web Scraping`

`Web Development Frameworks`

`Gurobi` `LINDO` `MS-Excel`

COURSES AND TEACHING INTEREST

- Business Analytics

- Foundations of Python Programming

- Foundations of R Programming

- Text Analytics

- Database Management Systems

- Operations Research

- Production, Operations and Decision Sciences

RESEARCH INTEREST

- Text Mining

- Sentiment Analysis

- Algorithm Comparison

- Optimization Techniques

SUMMARY OF ACTIVITIES

S.No.	Activity	Qty.
1	Publications in Journal	4
2	Paper Presented in Conferences	2
3	Invited Lectures	12
4	Online Certifications	2

PUBLISHED ARTICLES

R. Venkatesakumar, Sudhakar Vijayakumar, S. Riasudeen, S. Madhavan, B. Rajeswari

"Distribution characteristics of star ratings in online consumer reviews",

Vilakshan – XIMB Journal of Management (Emerald)

Sudhakar Vijayakumar, G. Vidyashankar, Venkatesakumar. R, Madhavan S, S. Riasudeen

"Online Review Characteristics and Information Asymmetry",

SDMIMD Journal of Management

Murugaiyan Pachayappan and Vijayakumar Sudhakar

"A Solution to Drone Routing Problems using Docking Stations for Pickup and Delivery Services"

Transportation Research Record (ABDC – B category)

ACCEPTED FOR PUBLICATION

Sudhakar Vijayakumar, Murugaiyan Pachayappan, Venkatesakumar. R

"Digging Empty Goldmine: Using Star Rating and Helpful Votes from Online Consumer Reviews",

SAJM (SAGE)

PAPERS PRESENTED IN CONFERENCES

Sudhakar Vijayakumar, Venkatesakumar. R

"Star Ratings in Online Consumer Reviews - Emotions or Evidence",

RMC 2020

Sudhakar Vijayakumar, Venkatesakumar. R, Rajeswari. B

"Star rating and cue use in online consumer reviews - A comparison of Amazon and Flipkart reviews",

RMC 2020

CERTIFICATIONS

"Programming for Everybody (Getting Started with Python)"
University of Michigan

"Python Programming Essentials"
Rice University

CURRENTLY WORKING ON

- Preparing a methodology for Meta-Analysis of Review of Literature using Text Mining Approach

- Multi Recharge Station Problem for Drone Delivery Model

- Comparison of Sentiment Analysis algorithms in Python and R

- An International Conference during March 2022 [Inderscience / Emerald / Sage Journals as Publication Partners]

- Preparing a book on Operations Research using Cloud based Software

- Preparing a book on Data Analytics using Python

SOFTWARES DEVELOPED

- Online Exam Evaluation Software using Flask and Python

- Operations Research Instructor Software using Python

- Scrapers to download reviews from online sites

- Cleared JRF in Management

- Started Research Work in Text Analytics

-Plan to submit Major Projects

-OR Software

- Evaluation Software

- Book Manuscript for OR

2020

2019

2021

2022

Started working on OR Software and Exam Evaluation Software

"Operations Research"

- Completed online courses on Python

- Developed Scrapers to download reviews

Plan to Publish Text Books

- "Operations Research - An Analytics Approach"

- "Introduction to Python - A Managerial Approach"