

Rathina Grace Monica

Data Analyst

Profile

A driven and results-oriented professional transitioning from a successful 9-year teaching career to a dedicated role as a Data Analyst. With extensive studies and hands-on projects, I excel at uncovering hidden insights within data. Proficient in SQL, Python, and Excel, I specialize in data cleaning, transformation, statistical analysis, and visualization. My strengths lie in analytical thinking and crafting compelling data narratives, simplifying complex patterns to help organizations make informed decisions and extract valuable KPIs for sustainable growth.

Employment History

Senior Grade Assistant Professor at K.L.N.College of Engineering , India, India

2003 — 2012

Roles Performed:

Teaching Faculty (2003 - 2012)

- Developing the course material based on the design specification (Syllabus), delivering the course including workshop, setting the Continuous Assessment & Exam Questions and marking the Continuous Assessment and Answer Scripts.
- Program management includes course Planning, evaluating and revise curriculum as required and continuously improve the pedagogy methods

Internal Auditor (2010 - 2012)

- Reviewing and assessing the performance of business and financial operations to ensure they are running efficiently and adhering to regulations.
- This involves analyzing data and providing detailed reports on financial performance to leadership and stakeholders.
- Developing risk management and governance plans to minimize potential losses, and create customized solutions to enhance organizational processes.
- Produce reports on risk information gathered from audits and disseminate them to relevant personnel to mitigate risk within the organization.

Steering Committee Member (2007 - 2010)

- Preparing the department objective for the academic year based upon which the overall college objective is prepared for the academic year.
- Justifying the departmental objectives prepared with summary of the document proof of the previous years.
- Preparing the Department chart showing the flow of roles and responsibilities and hierarchy Preparing the Result Analysis, Special Class arrangements, Staff leave letter, Compensation leave format, NCR format, Audit Notice, Audit Preparatory Audits & Appraisal

Details

Singapore

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Nationality

Singapore PR

Links

[Linkdin](#)

Skills

SQL

Python

Advanced Excel and Pivot Tables

Data Modelling and Visualization

Power BI

Statistical Analysis

Data Modelling Design

Orange Data Mining

Hobbies

Cooking, Painting and

Embroidery

- Preparing the Department resource Competency matrix and Training needs Analysis and Training plan
- Participate in ISO 9001 certification & surveillance audit conducted by TUV certification body

Data Analyst at Capstone project with NUS , Singapore

July 2024 — July 2024

End-to-End Analytics for Fraud Detection in Credit Card Transactions

- This is a Data Analytics Case study emphasized the power of data driven decision making.
- Deep analysis unveiled the critical link between the differentiation between a normal transaction and a fraud transaction using credit cards and credit limits. How frequent Fraud transaction occurred using credit cards on customers.

Education

Master of Engineering, Anna University, India

2005 — 2007

Master of Engineering First class with Distinction

Bachelors of Engineering, Madurai Kamaraj University, India

1999 — 2003

Graduated First class with Distinction

Certifications

Analytics: From Data to Insights, Singapore

March 2024 — August 2024

From National University of Singapore, Singapore, online, September 2024.

Introduction to Python, Singapore

November 2017 — December 2017

DataCamp, Issued Dec 2017

edx Verified Certificate for MATLAB Essentials, Singapore

March 2022 — April 2022

Online, April 2022.

TUV Certified Internal Auditor, India