

# Jijo Joy

## DATA ANALYST

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As a motivated Data Analyst with a strong data analysis and software development background, I specialize in using tools like SQL, Python, and Tableau. My skills in logistics analysis and process optimization have led to major productivity increases and cost savings. I excel at translating business needs into technical solutions, aligning with project goals. With a solid foundation in data analytics and experience with CNN-based visualization projects, I constantly update my knowledge to innovate and deliver impactful results.

### Work Experience

#### DATA ANALYST

Jun 2019 - Jun 2021

ABU ALA FARSI TRADING | Sur,Oman

- Performed data compilation and statistical analysis across various company divisions using Microsoft Excel; extracted key insights that led to a 10% reduction in overhead costs.
- Optimized SQL queries and data handling through best practices and relational databases, achieving a 25% reduction in execution time.
- Performed complex analysis with Python on logistics data, boosting efficiency by 30% and reducing costs by 18%.
- Used R for statistical analysis, data interpretation to enhance decision-making and boost forecasting accuracy by 20%.
- Optimized statistical efficiency and data quality through the development and implementation of data collection systems.
- Developed data visualization templates using Tableau to support decision-making.
- Assessed data governance and requirements for enhanced operational efficiency and cost reduction.
- Exhibited independent work ability and detailed attention for accurate, efficient task completion.
- Effectively communicated complex analysis results, fostering lasting relationships through strong analysis skills.

**Core Skills:** HTML5, CSS, JavaScript, Git, Python, R, Tableau, SQL, Excel, PowerPoint, Maintain Documentation, Machine Learning, Data Storage, Interpreting Data, Predictive Modelling, Analysing Results, attention to detail, Ability To Work Independently, effective communication skills, Team Oriented

### Projects:

- **Food Image Classification:** A work on food image classification based on Python, CNN, TensorFlow GPU, Nasnetv2, random forest, machine learning technologies has been developed (Real World Project).
- **Skin Cancer Detection:** A competitive project has been developed on skin cancer detection using Python, TensorFlow, CNN, Machine Learning technologies. (Real World Project).
- **Instagram Replica:** Successfully replicated Instagram in python using Flask framework, created front end page using HTML, CSS, JavaScript and created tables using google cloud to store user data.

### Education

GRIFFITH COLLEGE Dublin

Sep 2022 - Sep 2023

MASTERS | Big Data Analytics and Management, Grade: First Class

GRIFFITH COLLEGE Dublin

Sep 2021 - Sep 2022

DIPLOMA | Computing Science, Grade: First Class Honors

HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE India

Jan 2013 - Dec 2017

BACHLEORS | Aeronautical, Grade: First Class

### Certificates

CSS

31/12/2020

JOHNS HOPKINS UNIVERSITY