

# JESWIN VARKEY GEORGE

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[LinkedIn profile](#) | [GitHub profile](#) | [Tableau public profile](#) | [My Website](#)

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## Career Profile

Data professional with 3+ years of experience in the analytics and retail services industry. Expertise in data governance, data analysis, collaboration and sharing data insights using Python, Tableau, Pyspark and Excel.

## Technologies

- **LANGUAGES:** Python
- **CLOUD:** MS Azure
- **DATABASES:** PostgreSQL
- **TOOLS:** Tableau, MS Excel, R, Pyspark, Azure Databricks

## Certifications

- [Microsoft Azure AZ-900](#)
- [Introduction to Data Science in Python](#)
- [Tableau Desktop Specialist](#)
- [Data Visualization and Communication with Tableau](#)
- [Udacity certified Data Analyst](#)

## Skills

Data analysis, Machine Learning, Data Visualization, Data Governance, Inferential Statistics.

## My Projects

- Spectrum sensing in Cognitive Radio using Cyclostationary algorithm and SVM- [Paper](#), [Thesis](#)
- Identify fraud from Enron Email using machine learning - [Project](#)
- Kaggle: Predicting house prices using regression techniques [Project](#)
- Dashboards and Visualizations made using Tableau – [Tableau public profile](#)
- Scrapping websites for hotels in Pune (Python)- [Project](#)
- Test a perceptual phenomenon - Stroop Effect (Inferential Statistics) - [Project](#)

## Work Experience

### Infosys (Analytics unit), Analyst

Feb 2018 - Present

### Role: Point of Sales Data Governance Manager for a FMCG giant's Global Business Solution Team

Duration: Jan 2020 - Present

- Responsible for data governance and on-boarding of new retailers from an Asia market, provide solution definition of key initiatives for achieving consumption ready data for critical BI applications.
- Delivered efficient data analysis and ref data management to the market as per SLA. Track and resolve the data quality issues in the E2E lifecycle based on their root cause analysis.
- Evaluate organizational methods and provide source-to-target mappings and information-model specification documents for data sets.
- Create best-practice reports based on data mining, analysis, and visualization using Pyspark, Excel, Python and Tableau.
- Engage with relevant stockholders of the allocated market to understand their business requirements, provide status updates, and build relationships.
- Proactively provide market and consumer insight to support the business teams with recommendations wherever required.
- Onboarding and training new members of the team.
- Achieved QoS of 95% from 82% and have maintained it for past six months.

### POC: Create a baseline demand forecasting model for a retail giant using ARIMA and XgBoost

Duration: Sep 2019 – Dec 2019

- Assigned as data wrangler to the team.
- Scrapped websites to extract required data using Python (Beautiful soup).
- Cleaning and organising the unstructured data to tidy format using Python (Pandas).
- Applied EDA to get insights about the data using Python (Pandas and Seaborn) and Tableau.
- Created forecasting model using ARIMA and XGBoost algorithms.

## **Awards and Recognitions**

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### **Infosys Insta Award**

For scaling up, onboarding new retailers and handling point of sales data services for my assigned Asia market.

## **Education**

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- MTech (CSE), SRM University: 2017 (CGPA – 7.24)
- BTech (ECE), University of Calicut: 2014 (CGPA – 7.04)
- 12<sup>th</sup> (CBSE) – St Antony’s public School and Junior College (89.8%)
- 10<sup>th</sup> (ICSE) – Don Bosco Academy (91.28%)

## **Project: PLM Data Migration for a retail client**

**Duration: July 2018 – August 2019**

- Teams: Data mining, Data matching, Data remediation, UI/BI and testing teams.
- Part of the Data matching engine creation team.
- Flagging the inconsistencies among the data from different ERPs using R, MS Excel and PostgreSQL.
- Unit testing and system testing of the developed matching engine.
- Ensure quick response to the issues raised by other teams or final application user.
- Analysing the impact of change request and logged defects at process level and project level.
- Created reports and dashboards using excel and R-shiny to present the results to the stakeholders.
- Mentoring new members joining the team and guiding them to get accustomed to the project environment.
- Achieved matching accuracy of 99.81%.