**THUMMALA INDAVI SHAURYA**

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**An analytical, competent, diligent individual seeking an opportunity to establish a career as a Data Analyst. Passionate about learning new analytical concepts and apply them in solving real world business problems. Aspiring position with a company where there is future potential and career enhancement.**

**EDUCATION**

# Indian Institute of Technology Madras (*Jee Rank* :2098)

*Bachelor of Technology in Civil Engineering (2013-2017)* - CGPA 7.74/10.

**SKILLS AND INTERESTS**

**Analytical Tools:** MySQL, MS Excel (including VBA), Python (Basic)

**Interests:** PowerBI, Tableau

# PROFESSIONAL EXPERIENCE

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## **Merilytics**| **Business Associate** (Jun’22-Present)

Merilytics is Business Consulting Company offering advanced and intelligent solutions globally.

**Roles and Responsibilities:**

* Developed 52-week Cash Flow Forecast Model for the Client company by collecting and analyzing the historical and existing data of various line items related to expenses and receivables.
* Analyzed the historical Sales and Payables data and refined the forecast by introducing Customer specific Day Sales Outstanding/Days Payables Outstanding in model
* Included in the model Actual vs Forecast Analysis and Tracking Signal evaluation to identify the variances and skewness between forecast and actuals for all line items
* Improved financial reporting efficiency through automation of reports, resulting in time savings and zero manual errors.
* Developed a Cash balance Dashboard (Excel) enabling the client to investigate daily cash flows and the ending balances by aggregating the bank transactions data from 12 different bank accounts.
* Taken responsibility in delivering weekly and monthly financial reports as and when required by the client

**Internship at Concrete Quality Concepts Pvt. Ltd, Chennai** *(May-July 2016)*

* Worked as a part of the Concrete Mix Design Team at Concrete Quality Concepts.
* Proposed economical recommendations to improve the life of the buildings which helped in reducing 30 percent of the renovation cost of the building
* Designed various types of concrete mixes catering the needs of clients and improved the strength (40%) and workability (20%) of concrete.

# PROJECTS

**IPL Economy Rate Analysis** |Github|Tableau

* Collected ball-by-ball information of IPL from 2008 to 2017 to analyze patterns in run rate across teams and seasons.
* Preprocessed and aggregated the raw data to convert it into usable format for data analysis using MS SQL.
* Used joins, nested subqueries, window functions, and aggregations to create complicated queries that evaluated economy rates over seasons, teams, innings, and different game phases.
* Developed dynamically user interactive dashboard in Tableau to visualize and analyze the changes in trends of economy rates across seasons, teams, and different phases of the game.

**Shipment Planning Model**

* Developed a dynamic shipment planning model for a fictitious US based textile company to meet store demands
* Utilized MS SQL and Python to do data cleaning, preprocessing, and aggregation before exporting the data to MS Excel for analysis and model building.
* Created an excel model with key metrics such as Safety Stock requirements and transit time as variables, allowing the user to alter the values of the key metrics while seeing the impact of these changes.
* Developed a user interactive Dashboard in PowerBI to display the key outputs of the Shipment Plan

**Other Project:** [Braintree Project](https://github.com/indavishaurya/SQL-Data-project-brain-tree-)