# Suneeth Ravilla

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### WORK EXPERIENCE

- Professional in Data Analytics with 5+ exp in statistical data analysis, data modelling with cost analysis focus.
- Built visualizations and interactive dashboards in Tableau, PowerBI to transform data into actionable insights.
- Data-driven with business acumen, skilled in extracting data, building data pipelines, analyzing large datasets.

### **EDUCATION**

Bowling Green State University: Master of Science in Data Analytics SRM University: B. Tech, Electronics and Communication Jun 2013 – May 2017

### **TECHNICAL SKILLS**

- Programming Languages and tools: Python, R, SQL, SSIS, Informatica, Tableau, Power BI, Qlik
- Hadoop Eco-Systems and Database Engines: Spark, Hive, Zeppelin, MSSQL, PostgreSQL
- Python Libraries: Pandas, NumPy, Scikit-Learn, SparkMLib, Matplotlib
- Statistical Analysis: HypothesisTesting, StatisticalModeling, ComputingMethods, Experimental Design&Analysis

## WORK EXPERIENCE

## **Business Intelligence Analyst (BIE) – Verizon Business**

- Identified **\$4M cost saving** opportunities for vendor delta processes through stranded assets cancellation.
- Developed **SQL** scripts to match Base and delta information to identify key relations for the stranded assets.
- Provided insights after in-depth exploratory analysis of invoice, history of devices, terms, extensions.
- Collaborated with Sales Team, partners and relationship managers to implement risk management strategies.
- Provided insights to customize business invoicing, reducing 50% of device installation backlog in a quarter.
- Performed statistical analysis on Devices, Service Level and provided pricing insights for contract renewal.
- Collected, analyzed and managed **quantitative data** to develop meaningful reports for business improvement.
- Designed and maintained end to end workflow of various modules in Informatica to transform Vendor data.
- Responsible for maintaining **Tableau dashboards** for vendor intelligence platform, enhanced **KPI** Visualizations.
- Improved business by developing **cost and revenue** assurance analytics processes for VNS, SD-WAN products.
- Performed **ETL techniques**, Data Mapping, Data Transformations and provided technical design solutions to internal reporting team.

## Software Analyst – Scicom Services

- Designed **ETL** workflow using **Informatica** to analyze project performance meta data to provide insights.
- Performed keyword and entity extraction on customers feedback data using **RAKE** library using **Python**.
- Developed **data pipelines** using Python with end-to-end traceability in case of any upstream pipeline failure.
- Created dashboards to report key phrase frequency and co-occurrence with other phrases in reviews.
- Worked with complex web analytics data, manipulated and cleansed data to perform statistical analysis.
- Participated in **Scrum/Agile** backlog refinement, daily scrums, sprint planning, sprint review and retrospective.

## **Research Assistant Analyst – Bowling Green State University**

- Feb 2020 Aug 2020 - Analyzed feedback data on students learning experiences about registered courses using SQL, Python.
- Extracted data from university database and performed sentiment analysis to enhance teaching techniques.
- Built word cloud visualizations using **PowerBI**, generated recommendation reports with **SOPs** documented.
- Assisted in developing a predictive model using Machine Learning Algorithms to offer Cares Act Grant.
- Performed exploratory data analysis to cleanse, transform data to identify various patterns in SQL, Python.

## Data Analyst - Project Engineer - Wipro Ltd

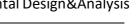
- Developed pipelines for forecasting model by manipulating the data of retailers purchase orders using R.
- Generated insights for forecasting results to maintain adequate stock at warehouse by achieving 88% accuracy.
- Insights helped **reduce** manufacturing **cost by 15%**, saving company **~\$250K** by maintaining adequate stock.
- Assisted in developing a new pricing strategy for household goods which boosted profits by 8%, ~\$50K.
- Responsible for retrieving data using **SQL/Hive queries** from databases and performing enhancements in **R**.
- Used **R** and SQL to eliminate duplicate, inaccurate data for developing and validating quantitative models.
- Performed data exploration mining and conducted predictive, classification analysis on customer/product data.
- Designed visualizations, dashboards of the insights derived from Retail and Consumer data in Tableau.

## Data Analyst Intern – Intel Corporation

- Developed dashboards in tableau on sales data for frontline sales leaders.
- Aggregated data by connecting multiple database sources like Oracle, DB2, MS SQL using SSIS Business Tool.
- Assisted in data formatting, profiling, cleaning, analyzing and documentation of data sources.
- Implemented complex SQL gueries, stored procedures, and functions from SQL Server and DB2 databases.
- Applied client processing and validation rules using stored procedures and functions.

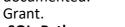
## May 2017 – Oct 2017

### Oct 2020 – Apr 2021



Apr 2021 – Present

Aug 2019 – Aug 2020



## Nov 2017 – Jul 2019

