

# **KOUSTAV JHARIMUNI**

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- Experienced Analyst working across business units, to define and develop analytical capabilities that can be leveraged to solve cross business unit challenges. Analyze and understands core business processes and data flows to design and develop enduring solutions that provide analytical insights. Skilled with proficient knowledge in statistics, mathematics and analytics with experience with SQL, Python to extract, cleanse, manipulate, transform, predict and visualize data as per business needs.
- Transforming large, complex data into business assets that serve both the Enterprise Business Intelligence team and analysts throughout the organization. Certified Data Scientist with experience in solving various case studies/projects to produce problem solving analytical business insights.

## **SKILLS:**

- Developing predictive models from old raw data using Python/SAS jobs. Experience on databases like Hadoop, MS SQL, Oracle Developer, AWS. Design, develop, and maintain data aggregation, summarization jobs (i.e. automation).
- Expertise in building machine learning models with advanced analytics tools, including Python, SAS, SQL and Tableau. Performing EDA, developing linear / logistic regression, tree-based models to predict business insights from past data.
- Machine Learning, Supervise and Unsupervised Learning, Clustering, KNN, K-Means, Regression, PCA, SVM, Predictive Analytics, Random Forests.

- Data Management, Modelling, Warehousing, Reporting (Validation, Integration, Migration, Visualization). Extract Transform Load from different data sources to generate automated scheduled jobs for business reporting.

## **WORK EXPERIENCE:**

- **Senior Analyst at Ugam Solutions(2021):**

Designing data flow and models for an Analytical Dell Customer Engagement Platform for the business to analytically find the Marketing levers to enhance Business. Analyze data from multiple sources to transform for business reporting. Identifying and predicting areas to focus to increase market for Dell products across various regions. Experienced with SQL for extraction of data from different sources to integrate to a Tableau dashboard. Creating various predictive models to find various marketing areas for business to focus on to increase sales and help marketing campaigns. Develop models on previous data to predict various marketing levers.

- **Analyst, BI and Analytics at Empower Retirement (2020-2021):**

File Scan: Developed Python script to run on all folders and subfolders to search for a specific file format. Based on the requirement of what to search for, the code will extract data from each file and convert it into a data frame containing various insight regarding the type of data is contained in each folder. Script designed with dynamic capability to analyze text and return valuable info from various types of files.

FDF-FSET Bot: Developed a SAS report from an existing file that was being used in a bot. Analyzed various existing SQL files to dive into the root cause for the required data. The SAS analytical reports will generate all the customer likelihood to purchase different insurance plans. An automated weekly report created on SAS to generate all the analytical insights for the senior business leaders.

ERROR Report: An SAS automated report to produce the top fund providers for the organization and to filter out all the Errors/Unwanted data. Developed an automated script in Python to filter out data and a Tableau dashboard to produce a weekly report with various data visualizations with top grocers and other insights. Script to ensure various sensitive data like SSN's, IDs are encrypted before sending out dataset for downstream teams.

Jeffries SR Report: Developed a Python script that will import data from multiple data sources and count the number of SR's assigned to each manager. Created various plots from the data to display the performance of each manager. Code to predict the performance of each manager periodically.

- **ETL Developer at SLK Software Services(2017-2020):**

Wealth Management System, (First Tennessee Bank): Developing various jobs in DataStage to create scheduled reports for the entire flow of data for an application. Worked with various application teams to understand the frontend and analyze the data sources and create flows to produce accurate data for the application users and reports. Responsibilities included transformation of code and creating data flows. Developing various data extracts for business-based requirements.

MLA Status, (Fifth Third Bank): Developing ETL jobs to identify customers who have served the US army if they are eligible for a certain MLA status for some fee waiver. Successfully extracted data from various data sources to generate a consolidated set of customers based on different business requirements.

Book of Business Purge (Fifth Third Bank): Developing automated jobs to successfully purge different history data based on different timelines. The bank wanted to have a separate dataset for the different old records consuming much space on the server. The new developed

job successfully filtered out the data and migrated to a separate dataset for future business purpose.

## **EDUCATION:**

### **Post Graduate Diploma in Data Science, IIIT-Bangalore (2018-2019)**

**CGPA:** 2.86/4

**Projects:** Experienced with solving humongous datasets with various concepts of EDA to analyze business process and apply various Machine Learning concepts to produce business solutions.

1. E-Commerce project to find out the marketing variables that need to be prioritized to find out marketing solutions to outstand the market. Dataset included various products and demographic files to perform analysis. Creating a market mix model to up-sell various products on E-Commerce website.
2. Loan case study to provide banks the solution to have better competitive plans for business growth.
3. Credit card defaulters to advise the bank on the type of customers prone to default in the upcoming times.
4. Uber Supply demand gap case study with extensive EDA and solutions to overcome the cab- customer availability gap.

### **Bachelors of Computer Application, New Horizon College, Bangalore University (2014-2017) CGPA: 6.9/10**

**Projects:** Designing a Flight Management System for end users using .html, .css scripts for the design and present a beta version of the application.

### **ANIIT from NIIT (2011-2014) CGPA: 7.1/10**

### **Vikas Vidiyaniketan, CBSE, (2008-2010) Percentage: 56.2%**

**Assembly of God Church School, ICSE,(1998-2008) Percentage: 61.2%**

**ACOMPLISHMENTS:**

Best Recruit for Q3, Q4(2019) at SLK Software Services

Most Valuable Player Q2(2018) at SLK Software Services

**PERSONAL SKILLS:**

Great problem-solving skills with various creative approaches to find an analytical solution. An able team player to achieve a given task in a fixed timeline. Excellent task management and organizational skills to work with daily challenges with flexibility.