

G S Deepak Kumar

Summary:

- Customer oriented professional with over 2 years of experience having strong statistical and analytical background.
- Exposure to manufacturing industry and expertise in product development and program management.
- Proven abilities to perform statistical analysis of datasets to better understand the trends and relationships using data mining techniques and communicate findings using compelling visualizations and well written reports. (Profile: <https://deepakkumargs.github.io/>).

Analytics Projects:

Unsupervised machine learning model to improve sales

This capstone project analyses the historical sales transactions happened between dealer and company that had no sales growth in one segment. Based on the exploratory data analysis, customers were clustered based on their sales number and transaction quantity for targeted focus and revenue generation.

Skills & Tools

Clustering, Data Visualization

Neural Network model on Employee Attrition

The Project investigates the factors that cause employee attrition in organizations. An Employee attrition model was built using moderate Neural Network Model and Random Forest. After generating common performance parameters for both the models, an Ensemble Model was created that identified the cause of employee attrition.

Skills & Tools:

Neural Network, CART

Work Experience:

Flex	Data Analyst –Internal Audit	Dec 2017-Present
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Job Description:

- Work with audit teams and other members of the department to design self-service data products that enable auditors to more efficiently and effectively work with firm data and identify potential risk.
- Assess data quality to understand potential of data sources, limitations or issues.
- Develop analytics solutions covering different stages of data analytics life cycle such as data preparation, data analysis and data visualization.
- Evaluate relationship between multiple variables and use the patterns in the data to shape predictive insights.
- Propose creative analytics ideas and implement advanced analytic techniques, such as predictive analytics, data mining, text mining, and sentiment analysis.

Rane Engine Valve Ltd	Sr. Engineer, Manufacturing Engineering	July 2015-June 2017
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Job Description:

- Handle feasibility and risk assessment (Process FMEA) for new products.
- Analyze process quality data from shopfloor. Discover insightful analysis for taking action towards continuous improvement.
- Identify and execute cost saving projects related to product development.
- Create and maintain bill of materials, routing (BOM) for product in SAP.
- Gather business requirements and worked with cross functional teams for RFI.

Professional Accomplishments:

- **Appreciated by marketing team** for playing a **significant role in obtaining product approval from HMCL**, one of REVL's major OEM customers (Business worth: Rs.8 Cr/annum).
- **Executed development project** for Simpsons, a major customer in the tractor engine segment. Ensured on time delivery of one time samples. **Managed customer directly and received appreciation mail from President.**
- Collaborated with program management for process audit **BMW, major export customer for Rane.** Was responsible for presenting statistical quality datas to customer.

Skills:

- **Data Analysis:** Intermediate R, Basic Python
- **Data Visualisation:** Basic TABLEAU, Basic Power BI
- **Language:** Fluent in English, Tamil.

Certifications:

SQL and Relational Database (07/2017 – 07/2017)	-	IBM-Big Data University
Data Analysis with R (07/2017 – 07/2017)	-	Udacity

Achievements:

- **University rank holder** -Ranked **41** among 26,643 mechanical engineering students under Anna University.
- Ranked 1st in school in Xth Secondary Board Exams (SSLC).

Education:

PGP-BABI	Great Learning (2017-2018)	Pursuing
B.E	SSN College of Engineering (Mechanical Engineering, 2011-2015)	88%
School	Class XII –NSN Matriculation Higher Secondary School (Chennai, 2011)	96.25%
	Class X - NSN Matriculation Higher Secondary School (Chennai, 2009)	95.40%