

# SANTHOSH KUMAR KRISHNAN

## CONTACT

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### Wix Personal Profile

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### GitHub

github.com/SanthoshKumar92-  
eng

## AREAS OF INTEREST

Power BI  
Tableau  
Python  
R  
SAS  
SQL  
AWS, Azure  
Data Analysis  
Machine Learning  
Deep Learning  
NLP  
CV  
Statistical Analysis  
Data Scraping  
Mongo DB  
MS PowerPoint  
MS Word  
MS Excel  
AutoCAD

## PERSONAL SKILLS

Analytical  
Self-Motivated  
Progressive Learner

## PERSONAL SUMMARY:

I am an Engineer who got into studying data science, takes pride in building models that translate data points into business insights. Used my skills in Hands-On projects, now eager to apply the same knowledge to real-world business problems.

## HANDS-ON PROJECTS:

### Delhi Air Quality Index Prediction:

Prediction of PM2.5 of Delhi by analyzing the previous years data. In this project following stages were involved:

- 1.Data Collection by Data Scraping from website (<https://en.tutiempo.net/new-delhi-safdarjung.html>)
- 2.Data Analysis.
- 3.Applying Regression Models (Linear Regression, Random Forest, XGBoost)
- 4.Applying Simple ANN
- 5.Evaluating the Model Performances.

Link: <https://github.com/SanthoshKumar92-eng/ML-Projects>

### WhatsApp Group Chat Analysis

Finding the insights from Text Data generated in group chat. Whatsapp to Jupyter Notebook and Performing "**DATA ANALYSIS**" over the text posted by different users and finding the most **interactive insights** and hidden patterns from Chats.

Link: <https://github.com/SanthoshKumar92-eng/ML-Projects>

### Big Mart Sale Prediction

Prediction of "ITEM OUTLET SALE" price using Machine Learning Algorithms. Algorithms used here is Linear Regression and improvement over the **Linear Regression** Model are done by using REGULARIZATION TECHNIQUES such as **LASSO Regularization** and **RIDGE Regularization** Techniques.

Link: <https://github.com/SanthoshKumar92-eng/ML-Projects>

### Spam Classifier

Using **Natural Language Processing (NLP)** Techniques to Classify a mail as "SPAM" or "NOT SPAM". Library used here is "CountVectorizer" for preparing "BAG OF WORDS" and "MultinomialNB" for classifying the emails as "spam" or "not spam".

Link: <https://github.com/SanthoshKumar92-eng/ML-Projects>

## **WORK EXPERIENCE:**

### **1. From Sep 2020 till now:**

**Company name: Witmer.ai**

**Position:** Data Scientist.

At Witmer, I have been working as a Data scientist who extensively works at the intersection of Math, Business, and Technology to solve complex business problems using Data.

We are working on a broad field of problems (Mental Stress Prediction) ranging from Extracting information from Text (NLP), Numeric Data to predict purchase patterns of customers (Clustering, Regression) using a variety of tools like Python, R and the deployment of the same in various clouds such as AWS, AZURE, GCP.

### **1. From Mar 2018 to Sep 2020:**

**Company name: Core Metal (Sharjah, UAE)**

**Company Profile:** Core Metal LLC is an ISO 9001 company and a leading supplier of structural steel products for the construction industry for a decade. Acknowledged for our excellence of service and conformance to the highest quality standards, our products are widely marketed in the Emirates and the other GCC Countries.

**Position:** Data Analyst.

**Job Profile:**

- Analyzing Sales performance of the sales team.
- Building Dashboards on Power BI using various reports.
- Monitoring various KPIs and obtaining insights.
- To ensure sustenance of Documentation process in all work areas.
- Coordinates and controls all aspects of factory production from start to handover.
- Effective communication with clients and Projects team to coordinate production requirements as required.
- Preparation BOM and estimation of requirements.

### **2.From Oct 2015 To Oct 2017:**

**Company name: Al Moosa Automatic Doors (Kingdom of Saudi Arabia)**

**Company Profile:** An ISO, Intertek and BMTRADA certified industry. Leading manufacturer of Metallic doors, slates shutter doors, barrier gates, sliding gates, swing gates and sectional overhead doors in KSA, possessing a legacy of 25 years in manufacturing.

**Position:** Production Engineer

**Job Profile:**

- Implementing, monitoring and ensuring quality on time and target production in the plant.
- Making the factory compliant for International certifications like BM Trada and Intertek and ISO.
- To ensure sustenance of Documentation process in all work areas.
- Responsible for preparing and review production schedules for the products.
- Responsible for analyzing the material, equipment and tools requirements according to production plan.
- Also prepare the purchase order for the equipment and tool
- Responsible for providing the guidance to the production worker for the qualitative performance and also timely check the performance of the workers.

### **3. July 2014 To July 2015 (GVA Techno craft Pvt Ltd, Chennai)**

**Company Profile:** - An ISO/TS 16949 certified Industry, manufacturing high grade sheet metal components like fuel tanks and skin panels, first company introduced TWB in India, Tools and Die making with proper Quality Systems and Quality Standards. Main Customers are GM, TML, Mahindra, Renault, TVS, AMW, Cummins and TISL

**Position: Trainee Engineer**

### **ACADEMIC QUALIFICATIONS**

Course	Institution	University / Board	Year of Passing	Aggregate
Data Science Pro Degree	Imarticus, Dubai	Imarticus	2020	-
B. E (Electronics & Communication Engineering)	CEG-College of Engineering Guindy, Anna University.	Anna University, Chennai	2014	7.59 CGPA
HSC	St.Joseph's Hr. Sec School, Cuddalore.	State Board of Tamilnadu	2010	94
SSC	Ramsun's Matric School, Dindigul	Matriculation Board	2008	92

### **ACHIEVEMENTS:**

- Got 'B' Certificate in National Cadet Corps.
- Got State 2<sup>nd</sup> in AAA aptitude examination conducted across schools in the state.

### **CERTIFICATION:**

- DATA SCIENCE PRO DEGREE – Imarticus , Dubai.
- Machine Learning Masters and DL, NLP, CV – Ineuron, India.