

# Savneet Kaur Arora

## Senior Business Analyst for Analytics & Insights - Tata Consultancy Services

Analytics professional with 3 years of experience executing data-driven proposals and analyzing data mining algorithms to deliver insights and implement action-oriented solutions to complex business problems.

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📍 Bangalore, India

## WORK EXPERIENCE

### Senior Business Analyst for Analytics & Insights Tata Consultancy Services

09/2017 - Present

Worked Onsite for one of the leading Oil & Gas companies

#### Key Responsibilities

- Providing Analytical consultation support on Proof of Value and Proof of Concept projects.
- Automation of data-engineering and data-preparation before the analytical process can begin.
- End-to-end Implementation and deployment of Statistical and Machine Learning models.
- Creation of Interactive & Insightful dashboards on platforms- Microsoft Excel, Microsoft Power BI, Python Flask and R Shiny.
- Co-prepare data analysis and graphics for model technical reports and presentation.

## PROJECTS

### Utilities Domain

- Electricity Load and LMP(Locational Marginal Price) Forecasting- Forecasting load, Day-Ahead and Real-Time price for one of the zone in US for a large utility client, for the next 48hours, each hour.
- Risk Prediction of Project Delay - Predicting the number of projects that would flow over to the next budget cycle for one of the leading US utility client.

### Hi-Tech Domain

- Data Analysis on the US education system,achievements results for state assessments, student financial aid, based on race, ethnicity, gender etc for one of the largest US technology company.

### Energy Domain

- Demand Forecasting- Forecasting volume for crude oil products for next three months for one of the leading Malaysian Oil & gas company.
- Inventory-based Pricing- Predicting the selling price basis stock position and cost factors for one of the Oil & Gas company.

### Onsite Projects in Energy Domain

- Price Sensitivity Analysis - Predicting the amount of rebate to be given to the Dealer Customers for the crude oil products on a daily basis for one of the leading Malaysian Oil & gas company.
- Data Tracker- Built a dashboard to track the files from SAP, Non- SAP and other sources through PowerBI.

### Internal Projects

- Created a Utilization tracker for the team to capture their work and responsibilities on a daily basis.
- Created a Dashboard for the Utilization tracker.

## EDUCATION

### Masters in Arts Economics

Panjab University, Chandigarh

07/2015 - 04/2017

### Bachelors in Arts (Honors in Economics)

PGGCG-11, Panjab University, Chandigarh

07/2012 - 04/2015

## TECHNICAL SKILLS

R Programming

Python

Predictive Modelling

Time Series Analysis

Econometric Decision Science

Supervised Machine Learning Algorithms

Unsupervised Machine Learning Algorithms

Statistical Modelling

Advanced MS Excel

Business Intelligence

Agile Data Science

SPSS

R Markdown

R Shiny

HTML & CSS

Microsoft Power BI

Azure Devops

Basic SQL

## ACHIEVEMENTS

Awarded the Star Performer of the Month Award for a client project under the Utilities domain of Analytics & Insights unit.

## CERTIFICATES

Metamorph: Certificate in Business Analysis

Complete Practical Course Power BI - Udemy

Process : Agile Way of Working Foundation

## EXTRA CURRICULAR ACTIVITIES

Published Technical and Soft Skills Blogs on the TCS social platform.

Participated in Group Discussions and Debate competitions organized by INDIAN ACADEMY OF PEDIATRICS

Secured 'A' Grade in a course of Personal Development from REGIONAL INSTITUTE OF ENGLISH (Proficiency)

Participated in National Seminar on Food Security in India sponsored by UGC