

JS

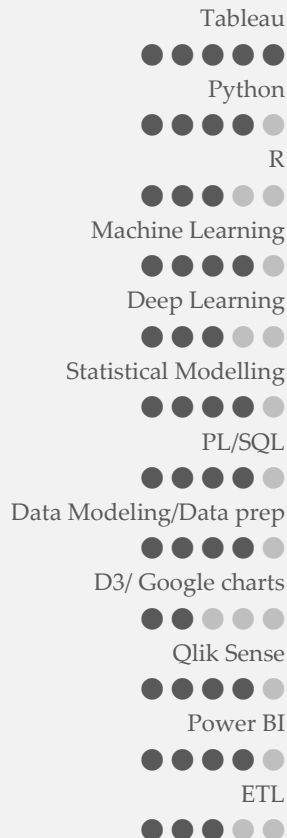
Jayant Singh Singoria

Machine Learning | Data Visualization | Database | Business Intelligence | ETL

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Skills



Languages

- English
- Hindi

Education

2013

Bachelor of Engineering-
Computer Science & Engineering

Rajiv Gandhi Proudtyogiki
Vishvavidyalya, MP, India

Professional Summary:

~~"Data is a new Oil"~~

I rather believe in *"Data is a coal, we furbish it to Diamond using analytics"*

I strive to skill up in analytics domain. I would like to solve business problem using data, intuition and more importantly different perspective using modelling prowess. I believe that we need to learn every day, to align ourselves with disruptive technologies.

Work Experience:

Deloitte India (office of US): Senior Analyst

Machine learning engineer | Data Visualization | Database Developer

Sep-2017 – Current

Developed a tool to screen resumes with relevant job description using machine learning capabilities:

- Used word2vec and NLP to scan the words in the resume and the job description. Then using cosine similarity -ranked the appropriate profile.
- All the programs were written in Python and the process were triggered using a BOT.

Developed multiple ETL process using SQL:

- Worked on ETL projects to deliver data marts for reporting and analytical purposes
- Using the Microsoft SQL server and SSIS, connected multiple database systems.
- Created procedures to process timely Load and transformation of the data.

Built a tool to scan the resume and identify the skills of the candidate using text mining, NLP and machine learning algorithm in python:

- Made the model using the NLP to understand the language. The skills would be identified using a pre-trained deep learning neural network (LSTM Model).

Worked on the project to provide the insights about the offer decline for the acquisition team

- Built the interactive dashboard to provide descriptive analysis using the Tableau. Actionable insights were used in the leadership discussion.
- Used the predictive models such as xGBM and SVM model to identify the factors behind the offer declines by the candidate.

Developed the recommendation system for analyzing the best vendor for processing candidates to hire:

- System takes different aspects of the vendors as an input. We considered the collaborative-filtering based recommendation system.
- Using the matrix factorization and Tensorflow neural network model, we developed the system to recommend the best vendor as well as the different parameters.

Functional and Behavioral Skills:

Problem Solving
Flexible to work
Collaboration within team
Engaging in innovations
Advisory skills

Developed various data visualization dashboards using Tableau, Qlik Sense, D3 and Power BI

- Created the interactive tableau dashboards for Performance management team using Tableau. The dashboard is being used by leadership to derive better performance cycle.
- Built the descriptive analytic dashboard for acquisition team using Qlik Sense
- Using the D3 we developed the visualization and embedded into the SharePoint website
- Power BI was used for few of the projects where data cleanup was necessary

Cognizant Technology Services: Senior System Engineer

Data Visualization | Database Developer | BI Analyst

June 2014 – Sep-2017

Maintained and developed the Data mart in Oracle and MS SQL Server:

- Developed an ETL framework which fetched the data from different transactional sources and data warehouses.
- The transformation and load were achieved using the systematic procedures
- Load from excel were automated using the PowerShell scripting.

Developed numerous dashboards using ITIL methodology:

- Using the ITIL metrics we made the dashboard. Using the meaningful insights for leadership
- Maintained documentation of all the development and processes
- Built multiple SAP BO reports for the variety of consumers.