

Ashok Sihag

CAREER OBJECTIVE

Experienced professional with over **5 years of experience**. Have gained good exposure to understand various aspects of **Data Science** through the Post Graduate Program which has developed a great sense of confidence at a very personal level. Hence, I seek a challenging position in the area of **Data Scientist, Data Analyst, Business Analyst, Tableau & related fields** where I can share my skills and expand my capabilities further in the pursuit of progressive career advancement

EXPERIENCE

Isometric Design Services – Assistant Project Manager

Noida • 05/2018 - Current

- Responsible for reviewing the design drawings (Structural and Architectural) for accuracy and completeness for beams, columns, braces, stairs, guardrails, and ladders and coordinates with the project manager and quality assurance team.
- Generate and track RFI's (Request for Information) with respective fabricator regarding missing information and discrepancies. Responsible for detail discussion and review of sketches with project manager.
- We assure that OSHA and AISC standards are met for the project as and when required.
- Regular monitoring and submission of drawings for approvals to the EOR (Engineer of Record).
- Resolving team queries related to the projects and also escalating any issues or delays to the project manager. Regular interaction and coordination with other engineering trades. (Connection designers, Mechanical, HVAC, Concrete).
- Analyzing data sets in order to find strategic information to determine project delays and cost overruns.
- Issuing clear reports on manpower utilization and project schedules using visualization tools
- Generating employee's performance matrix based on project data.

Regal Information Technology Pvt. Ltd. - Junior Quality Engineer

New Delhi • 07/2017 - 05/2018

- Provided drawings for Structural Components from conceptual designs.
- Included dimension, material and other information to ensure detail drawings were clear and complete for use in fabrication and field.
- As per scope letter received for the project, ascertain all required steel is included in the model.
- Responsible for documenting job progress and maintain scheduled activities to meet delivery dates.

Rivigo Services Pvt. Ltd. - Operations Executive

Gurgaon • 11/2016 - 07/2017

- Responsible for maintaining a fleet of 4000+ vehicles Pan India.
- Regular maintenance and updating of MIS related to commercial vehicles for multiple locations.
- Planning vehicle trips and maintaining vehicle inventory at multiple locations.
- Update operation heads on regular basis regarding successful vehicle placement

CONTACT

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PROFILES

- www.linkedin.com/in/ashok-sihag/
- <https://github.com/ashoksihag/>

EDUCATION

Post Graduate Program: Data Science
Purdue University in Collaboration
With IBM

Simplilearn Certified • 2021

B. Tech: Mechanical Engineering
University Institute of Engineering
and Technology

Rohtak, Haryana • 2016

CERTIFICATIONS

PGP - Data Science

- Data Science with Python & R
- Python & R programming for Data Science
- Machine Learning
- Tableau Training
- Natural Language Processing
- Data Science Capstone

TECHNICAL SKILLS

- **Languages:** Python, R, SQL
- **Functional:** Data Science, Machine Learning, Analysis Skills, NLP
- **Data Visualization:** Tableau, Power BI
- **Packages:** Microsoft office

ADD. INFORMATION

- **Languages:** English, Hindi
- **DOB:** 16 December, 1995
- **Soft Skills:** Fast learn, Analytical and problem-solving skills, Flexible

for ecommerce and industrial adhoc.

Team Player, Management skills

- **Hobbies:** Cricket, Badminton, watching movies, bike riding

PROJECTS

Data Science Capstone Project: Customer Segmentation using RFM analysis

- Performed a preliminary data inspection, data cleaning and data transformation.
- Built a RFM (Recency Frequency Monetary) model and calculated RFM metrics
- Created clusters using k-means clustering algorithm and optimized number of clusters to be formed.
- Created a dashboard in tableau by choosing appropriate chart types and metrics useful for the business.
- Tools: Python, Colab, Jupyter Notebook, Tableau
- Libraries: NumPy, Pandas, Sklearn

Data Science Intern: Innomatics Research Labs (April 2021 - July 2021)

Project: Personalized Music Recommendation System

- Lead a team of 5 members.
- Performed initial exploratory data analysis and data preparation.
- Built popularity based, collaborative filtering and content-based recommendation systems.
- Tools: Python, Colab, Jupyter Notebook, Tableau
- Libraries: NumPy, Pandas, Surprise

Data Science and Business Analytics Intern: The Sparks Foundation (June 2021 - June 2021)

- Built a model using linear regression for predicting student percentage based on hours of study.
- Built a model to predict the optimum number of clusters and its visualization.

Wikipedia Toxicity: Sentiment Analysis

- Cleanup the text data, removing stopwords, punctuations, URLs and IP addresses.
- Using TF-IDF convert to vector space representation.
- Used Support Vector Machine algorithm to detect toxic comments.
- Tools: Python, Colab, Jupyter Notebook
- Libraries: NumPy, Pandas, Sklearn

Housing Price Prediction: Predictive modeling

- Built a model of housing prices to predict median house values.
- Trained the model to learn from the data to predict the median housing price, given all other metrics.
- Predicted housing process and plotted the regression chart for it.
- Tools: Python, Colab, Jupyter Notebook
- Libraries: NumPy, Pandas, Matplotlib, Seaborn

ACCOMPLISHMENTS

- Youngest Assistant Project Manager in company
- GATE2016 qualified