# Sahil Chawla

## Data Scientist

As an experienced Data Science professional with a proven track record of success, I am eager to leverage my skills and knowledge to contribute to the growth and success of a dynamic organization. With a passion for continuous learning and a strong desire to make a meaningful impact, I am seeking an exciting and challenging opportunity in the field of Data Science that will allow me to unleash my full potential and drive business results.

## Contact

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## Education

Feb 2022 - Feb 2023
**Executive PGP in Management (Data Science & Analytics)**
Great Lakes Institute of Management, Gurugram

Oct 2020 - Aug 2021
**Post Graduate Program in Data Science & Engineering**
Great Lakes Institute of Management, Gurugram

2013 - 2017
**B.Tech - Civil Engineering (65%)**
Anand International College of Engineering

2011 - 2012
**12th - PCMB (65%)**
National Institute of Open Schooling

2009 - 2010
**10th (8.6 CGPA)**
St. Anselms Sr. Sec. School

## Experience

**Jan 2022 - Present**
Great Learning | Gurugram
**Associate Data Scientist**

As an accomplished Associate Data Scientist with a track record of delivering impactful results, I have been at the forefront of driving innovation in the New Product Development (NPD) department. In my role, I have demonstrated a keen aptitude for project management and have provided crucial support to both international and domestic batches.

I have a strong foundation in data analysis and have worked on several projects that have involved using Excel, Knime, and Rapidminer to make data-driven decisions. One such project involved collaborating with the National University of Singapore (NUS) to analyze data and provide insights that were critical to driving key business decisions.

As a testament to my expertise in AI, I was entrusted with the responsibility of overseeing the Applications of the AI program, both international and domestic, with complete ownership. In addition, I have also managed the PGP-Data Engineering program, further demonstrating my ability to take ownership of complex programs.

Furthermore, I have proven my mettle in managing multiple projects simultaneously, having successfully overseen 15 running batches of the Great Learning Career Academy (GLCA) program with complete ownership.

Overall, my experience as an Associate Data Scientist has equipped me with the skills and expertise needed to excel in any data science role.

**Aug 2021 - Dec 2021**
Great Learning | Gurugram
**Associate Data Scientist - Intern**

As a Data Scientist intern in the 'New Product Development (NPD)' department, I had the opportunity to work closely with students to help them learn and apply cutting-edge technologies in the field of data science. During my tenure, I gained valuable experience in several key areas, including:

Teaching students how to utilize Microsoft Azure ML to create new projects on Artificial Neural Networks (ANNs). Through this work, I developed a deep understanding of ANNs techniques, and was able to communicate this knowledge to students in a way that was clear, concise, and engaging.

Creating learning content on IBM Watson Assistant to help students understand how to create Conversational/Action-based chatbots. By breaking down complex technical concepts into digestible pieces, I was able to help students master this powerful tool and apply it in a variety of contexts.

## Skills

- Python
- MySQL
- Machine Learning
- Deep Learning
- Statistics
- Data Analysis
- Tableau
- Microsoft Azure
- IBM Watson
- Power BI
- NLP
- Apache Kafka
- Apache Sqoop
- Apache Flume
- Hive
- Hadoop
- Kubernetes
- Docker Swarm
- Container Orchestration
- Flask
- Apache Airflow
- Agile
- Git
- Apache Spark
- MongoDB
- Excel

## Language

**English**

**Hindi**

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Leading project support sessions for US batches. Through these sessions, I honed my ability to communicate technical concepts effectively, and helped students stay engaged and motivated throughout the project lifecycle.

Utilizing Microsoft Azure Custom Vision to create projects such as helmet detection and obstacle detection, and sharing my experience and knowledge with students. By creating compelling and interactive learning materials, I was able to help students understand these advanced computer vision techniques and apply them to real-world problems.

Overall, my experience as a Data Scientist intern in the 'New Product Development (NPD)' department has equipped me with a unique blend of technical and pedagogical skills that I believe will be of significant value to any organization seeking to build a strong data science team.

## Projects

**Annual turnover of a restaurant -** The goal of the project is to predict the Annual Turnover of a Restaurant based on the variable provided in the Dataset. Used LGBM regressor, CATBOOST regressor, and Random forest regressor to get good (RMSE).

**Home credit default risk -** The goal is to identify if a new client shows any risk of loan default based on the variable provided in the Dataset. Used Logistic Regression, Random Forest classifier, and LightGBM classifier to get a good AUC score.

**Predicting whether a business loan application will default or not -** The goal is to identify if a new business loan application will default or not based on the variable provided in the dataset. Used Logistic Regression, Decision tree classifier, and Random forest classifier to predict the best F1 score.

**Thera Bank -** The goal is to predict the likelihood of a liability customer buying personal loans. Used artificial neural networks (ANN) to predict the best F1 score.

**Water portability -** The goal is to identify whether the water is safe for drinking or not on the basis of the variables given in the dataset. Used artificial neural networks (ANN) to predict the best Accuracy score.

**Counter-Strike- GO Round winner prediction -** The goal is to predict who will win the match either terrorist or counter-terrorist with the help of variables provided in the dataset. Used Logistic Regression, Decision tree classifier, Random forest classifier, and XG Boost to predict the best Accuracy score.

## Additional Information

**Github :-** https://github.com/Sahilchawla1094
**LinkedIn :-** https://www.linkedin.com/in/sahil-chawla9799558521/
**Tableau public profile :-** https://public.tableau.com/app/profile/sahil.chawla