

# Deepankar Garg

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## PROFILE

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- Expertise in data mining, data cleansing, data integration, predictive analytics using business Intelligence and data visualization tools
- Strong experience in tools like Python, R, Tableau, MySQL and Athena
- Strong ability to write SQL query to help analyze data
- Proven history of successful problem solving with strong sense of ownership
- Excellent analytical, organizational, problem solving and follow-up skills with the ability to meet time sensitive deadlines
- Appreciation for teamwork and cross-functional/cross-cultural communication
- Excellent oral and written communication skills
- Uncompromising drive for quality and results

## EDUCATION

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<b>Liverpool John Moore's University, U.K.</b> <b>Master of Science (MSc.)</b> <i>Major: Data Science</i>	2020 - 2021 <b>GPA: Pass</b>
<b>International Institute of Information Technology, Bangalore</b> <b>Post-Graduation Diploma (PGD)</b> <i>Major: Data Science</i>	2018 - 2019 <b>GPA: 3.12 / 4.0</b>
<b>Manipal University Jaipur, India</b> <b>Bachelor of Technology (B.Tech)</b> <i>Major: Computer Science</i>	2014 - 2018 <b>GPA: 7.42 / 10.0</b>

## PROFESSIONAL EXPERIENCE

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<b>Adobe</b> <b>Customer Insights Specialist</b> <ul style="list-style-type: none"><li>• Handled APAC level Audit Entitlement Reports</li><li>• Automated multiple processes using python</li><li>• Prepared, maintained, and owned multiple Power BI Desktop Dashboards</li></ul>	Noida, India November 2022 – Present
<b>IHS Markit</b> <b>Senior Technical Business Analyst</b> <ul style="list-style-type: none"><li>• Automated multiple processes using python</li><li>• Linked multiple sources and created efficient solutions for complex problems</li><li>• Prepared, maintained, and owned multiple Power BI Desktop Dashboards</li><li>• Published multiple dashboards to Power BI server and managed the server for senior leadership</li></ul>	Noida, India March 2022 – November 2022
<b>BizOps Senior Analyst</b> <ul style="list-style-type: none"><li>• Automation - multiple process automated using extensive use of python. From data preparation to data manipulation, everything went through python.</li><li>• PostgreSQL – persisting all data into postgre via python and connecting &amp; scheduling tableau desktop workbooks to postgre.</li></ul>	December 2020 – March 2022

- Script Scheduling - multiple python scripts scheduled to run daily at the backend, allowing the user to multitask.
- Web Crawler – a web-crawler was created in python for a portal based on company network, fulfilling the client requirements without any manual intervention.
- Tableau Server & Prep – explored and learnt the usage of tableau server & prep, using it in day-to-day activities.

### ***BizOps Analyst***

July 2019 – December 2020

- Data Extraction, Data Cleaning & Data Preparation – Extracting data from multiple sources (MySQL, Salesforce, etc.), cleaning it as per the requirement and preparing the data to be analyzed.
- Automation – multiple processes were automated in python, which were otherwise done manually in excel. Processes initially taking 2-3 hours would now take less than 5 minutes, post the automation in python.
- Built forecasting models – Predicting revenue generation for future months/years were done in python using linear regression, ARIMA, SARIMA, Prophet, CAGR, etc.
- Tableau – built 100+ customizable, fully automated, client specific & Executive level dashboards using Tableau Desktop & Tableau Server.
- Power BI – built certain views/dashboards in Power BI as per the client requirement.

### **DMI Finance**

New Delhi, India

#### ***Data Analyst***

June 2018 – June 2019

- Data Cleaning & Data Preparation – Missing value imputation, outlier treatment, Exploratory Data Analysis (EDA) on continuous & categorical variables
- Built a classifier model – using Natural Language Processing (NLP) to classify products based on their respective categories
- Writing and executing queries in Athena – an Amazon Web Service (AWS)
- Web Scraping & Google APIs – Scraped data from various websites and read the required data into Python. Invoked APIs (in Python) such as Distance Matrix and generating latitudes & longitudes for various places
- Model Deployment – Deployed model developed on Amazon server to fetch results in real time
- Tableau – Analyzed and published multiple reports using various features (including maps) of Tableau Desktop & Tableau Online

### **Indian Statistical Institute, Kolkata**

Kolkata, India

#### ***Machine Intelligence Unit Intern***

January 2018 – June 2018

- Made a Machine Intelligence model for better communication between differently abled people, particularly deaf and dumb.
- The model made use of Convolution Neural Network (CNN).
- Paper published and presented – accepted by ACM.

### **Coursera Course Certificates**

Online

#### ***Community Mentor***

December 2017 – February 2018

- Solved queries, participated in discussions related to Deep Learning.

### **Curis**

Jaipur, India

#### ***Co-Founder***

January 2017 – December 2017

- A healthcare initiative incubated and funded by Manipal University Jaipur.
- An app to allow people to set reminders for timely intake of their medicine as well as have live online consultation with doctors. Other features, such as delivery of medicine and purchase of certain products were available to the people as well. (Limited region)

## Internshala & Analytics Vidhya

### Intern

Jaipur, India  
December 2016 – January 2017

- Four-week online training on Data Analytics.
- The training consisted of introduction to Excel, Statistics and Modeling Modules.

## LEADERSHIP EXPERIENCE

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- Member – Reaching Sky Foundation, New Delhi May 2018 – Present
- President – Entrepreneurship Cell, Manipal University Jaipur August 2016 – May 2017
- Treasurer – Entrepreneurship Cell, Manipal University Jaipur August 2015 – May 2016
- Member – Entrepreneurship Cell, Manipal University Jaipur August 2014 – May 2015
- Volunteer – Computer Science Club, Manipal University Jaipur November 2016 – December 2016
- Volunteer – Model of United Nations, Manipal University Jaipur September 2016 – October 2016

## TECHNICAL SKILLS

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**Programming:** Python, R, SQL

**Analytics Tools:** Excel, Tableau Server/Desktop/Prep, Power BI, SPSS, SAS

**Databases:** MySQL, Athena, PostgreSQL

## PUBLICATIONS

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- Prediction & Analysis of Liver Patient Using Linear Regression Technique October 2017  
(<https://www.springer.com/in/book/9789811085680>)
- Trigger Detection System for American Sign Language Using Deep Convolutional Neural Network December 2018  
(<https://dl.acm.org/citation.cfm?id=3291280&picked=prox>)
- Thesis - Event Extraction Using Twitter (NLP) February 2021