

## Contact

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## Top Skills

C++  
Algorithms  
Data Structures

## Languages

Hindi (Native or Bilingual)  
English (Full Professional)

## Certifications

Data Processing Specialist

## Honors-Awards

Rising Star

# Himanshu Joshi

Senior Analyst(Data Science) at Tiger Analytics  
Chennai

## Summary

A data science professional passionate about unlocking insights from data and providing end-to-end data science solutions to generate business value for clients.

Currently working on the Market Mix Modelling assignment with a client from Financial space. Have hands-on experience in building data ingestion pipelines and doing statistical modelling & experiments. In my current role, I have contributed significantly to the final MMM product (which includes designing database structure, taking inputs from client to improve overall usability and maintaining its delivery cycle).

Apart from that, I am learning different aspects of data engineering like scaling the models, working on Cloud and model maintainability (including logs and unit testing).

In my short span of 2 years, I have:

- Helped clients identifying key marketing factors for their marketing campaigns.
- Reduced overall marketing budget by 7% through an optimized budget plan.
- Drastically reduced the turnaround time for machine-translated sentences with 70% accuracy.

Languages: Python, R, and, C++

Database Used: Sqlite and SQL Server

Version Control: Git and Bitbucket

Kaggle Profile:-

<https://www.kaggle.com/himanshujoshi13>

# Experience

## Tiger Analytics

### Senior Analyst - Data Science

June 2019 - Present (1 year 3 months)

Chennai, Tamil Nadu, India

- Designed and developed complex data pipelines for ETL purposes.
- Built 9 different Bayesian models across 25 DMAs to capture geographic level impact.
- Reduced overall dimensionality of economic data through PCA.
- Developed and enhanced several modules in the Marketing app for different business objectives.

## Process Nine Technologies (Process9)

1 year 4 months

### Data Scientist

June 2018 - May 2019 (1 year)

Gurgaon, India

- Designed Machine Translation Engine for Hindi to Indian regional languages in Python using NLTK library.
- Took part in product development of existing product and learned programming in C# and .Net framework.
- Designed a Transliteration Engine for Hindi to Bengali & Odia languages with 80% accuracy.
- Used high end development tools like Visual Studio, SVN for development purposes.
- Database querying in SQL Server and MongoDB for day log hits & data analysis.
- Deployed the code in production server using Docker containers.

## Data Science Intern

February 2018 - May 2018 (4 months)

Delhi Area, India

- 1) Built a Rule Based Machine Translation Engine for automatic conversion of Hindi to Bengali language using NLP techniques.
- 2) Tested the machine generated translations by making test cases for probable errors.
- 3) Defined an accuracy metric for properly evaluating the machine translated sentences ( modified version of BLUE score).
- 4) Performed clustering of scrapped documents from web pages for better word embedding.

Dap Enterprises

Software Intern

June 2017 - August 2017 (3 months)

I was responsible for the front- end development work. I worked on several modules and integrated them to make the UI look more attractive and elegant.

Camp K-12

Digital Marketing Intern

December 2016 - December 2016 (1 month)

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## Education

Maharaja Agrasen Institute Of Technology

Bachelor of Technology (BTech), Computer Science · (2014 - 2018)

Kendriya Vidyalaya

12th, Science(Non- Med) · (2012 - 2013)

Kendriya Vidyalaya

10th