

Name: Uphaar Darbari
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SUMMARY

- Adept software developer with 4 years of experience in the IT industry in Insurance domain. Skilled in Data Analytics, creating Mathematical Models, Analytical Skills and in depth hands on using python packages such as Numpy, Pandas, Matplotlib, Seaborn, Scipy and SciKit Learn etc.
- Goal driven engineering professional pursuing a post graduate program in Data Science and Engineering from Great Lakes institute of Management.
- **Github Link:** <https://github.com/Uphaar02>
- **Analytics Vidhya Link:** <https://www.analyticsvidhya.com/user/uphaarabes>
- **LinkedIn Link:** <https://www.linkedin.com/in/uphaar-darbari-a07a5aa9/>

KEY SKILLS

- **Data Visualization:** Seaborn, Matplotlib, Pandas
- **Machine Learning:** Classification, Regression, Clustering, Neural Nets, ensemble techniques
- **Data Analysis/statistical Methods:** Cleaning data, Hypothesis testing, Data mining
- **Programming language:** Python, Java, SQL, AS400, CLLE, basics of Pyspark
- **Data Extraction tool:** MS Excel | Data Reporting Tool: Tableau
- **Web Development:** Beautiful Soup, Flask API
- Leadership, Collaboration, Persuasion

ACADEMIC PROJECTS (Top projects)

- **Airbnb room price prediction:**
 - The main aim was to build a predictive model and predict the price of each Airbnb room available for stay. Certain ML techniques were used on Python to predict the price of the room on the basis of certain features such as location, amenities, ambience. Most important parameter was the review sections of the past user experience which we used as a sentiment analysis to predict the price.
 - **Key skills:** Linear Regression, XGBoost algorithm, NLP libraries for sentiment analysis.
- **Healthcare Management:**
 - The main aim was to build a predictive model to help the Healthcare Management to accurately predict the Length of Stay for each patient on case by case basis so that the Hospitals can use this information for optimal resource allocation and better functioning.
 - **Key skills:** Healthcare domain, Random Forest Classification, CatBoost algorithm, Gradient Boosting.
- **Topic Identification for research articles:**
 - The main aim of this project was that on the basis of title and abstract of the research articles, a model was built which can identify the type of research article to which it belongs. Used NLP concepts to clean the data further and bring in machine understandable format in order to perform multi-label classification.
 - **Key skills:** Support Vectors, KNN algorithm, Count Vectorization, NLP packages such as nltk, spacy, gensim.

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PROFESSIONAL SUMMARY

System Engineer, TATA Consultancy Services (Noida)

July 2016 – January 2020

Product: AXA Life Insurance

Responsibilities:

- Understanding business problem with building the Functional Specifications of the requirements for the clients.
- Analysing issues and fixing them with zero breach rate.
- L2/L3 support by fixing data related issues at the backend.
- Direct communications with clients.
- Created test cases and handled UAT phase of the project.
- Spearheading a team of 5-6 people, guiding implementations and developments in the Insurance products.
- Ticket Management using tool: SILVA

Achievements:

- Achieved On the Spot award for quick deliverables and minimal defect count in the production environment.

HACKATHONS/OTHER CERTIFICATIONS

- Participated in Analytics Vidhya Hackathon- "Janatahack: Machine Learning in Agriculture"
- Participated in several competitions at Analytics Vidhya such as HR Analytics, Big Mart Sales.
- Certification of "Data Analysis using Excel", "Data Analysis using Python" from Coursera.
- Certification of "Natural Language Processing" from DataCamp

EDUCATION

Course	Institution	Year	Remarks
Name of the program	Great Lakes Institute of Management	2020	Pursuing
BE/B. Tech (Electronics and Communication Engineering)	ABES Engineering College, Ghaziabad, UP	2012-2016	74.00%
12 th Std.	Boys' High School and college, Allahabad, UP	2011-2012	90.00 %
10 th Std.	Boys' High School and college, Allahabad, UP	2009-2010	88.00 %

OTHER ACHIEVEMENTS

- Wrote several articles on Medium platform. In addition, got an official offer to publish articles in the Analytics Vidhya platform.
- Scored 7.5 bands in IELTS (British council)