

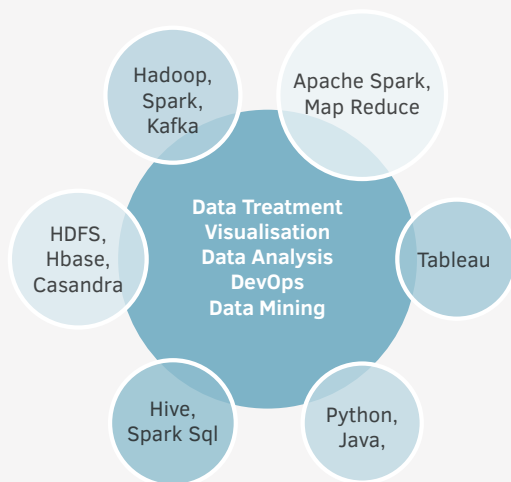


# Rudresh MISHRA

Data Scientist, Big Data,  
Data Analyst

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## Big Data Stack



- Methods: DLM, Agile, CRISP
- Management: Jira, Trello

## Languages

- English (Native) ● ● ● ● ●
- French (B2: IMT) ● ● ● ● ●

## Softskills

- Team Work
- Problem Solving
- Active Learning
- Creative Thinking
- Interpersonal Skills

## Awards

- ACCENTURE Apex AWARD

## Certification

- Tensorflow for AI by Coursera
- Machine learning - Python by IBM

Interests Data Science, Quantitative Analysis, Business Analysis, DevOps

— **Summary:** Master of science graduate open for new opportunity as Data Scientist / Big Data / Data Analyst (CDI/CDD - immediately). Prior 3 years' work experience in analytical and database architect role on a various projects . I am passionate about solving business problem using predictive analytic and data mining.

## Technical Expertise

Language	Python, R, C, Cypher, SQL, PL/SQL, Java, Scala.
Libraries	Keras, Tensorflow, Sklearn, Numpy, Pandas, Matplotlib, Pytorch.
Modelling	Bayesian, Regression, Markov chains, Ensemble Methods, ARIMA.
Deep Learning	NLP, ANN, CNN, RNN, Attention Models, Transformers, Bert.
Cloud	OpenStack, IBM Cloud, AWS, Docker, Kubernetes.
Database	Oracle, SQL Server, MongoDB, Neo4j, MariaDB, SQLite, IBM Db2.
OS	Ubuntu, Mac OS, Windows 10, Android Version 2.3 onwards.
Tools	Eclipse, VSc, Spyder, Anaconda, Jupyter, RStudio, Pycharm.
Version	Github, SVN, BitBucket.

## Professional Experience

- Apr 2020 – Sep 2020 **Data Science Intern (R&D Hospitality Travelclick)** [Amadeus, Nice](#)  
Internship  
◦ Cluster segmentation. Research, Building data pipeline. POC for marketing segmentation engine. **{PCA, ML, Kmeans, Autoencoders}**  
◦ Automatic cluster labelling, Identifying frequent pattern to create cluster labelling. **{Apriori Algorithm, Graph, Python}**
- Jun 2019 – Sep 2019 **Data Science Intern (R&D HR NATO)** [IBM, Brussels](#)  
Internship  
◦ POC to parse document Using conditional random field, Stanford core NLP and rule based models. Unstructured or semi-structured text analysis using Annotated Query Language. **{NLP, AQL, CRF, Java}**  
◦ Developed a GraphQL API. Deployed a script to migrate data from MySQL To Neo4j. **{GraphQL, Neo4j, IBM Cloud, Docker, Cypher}**
- Oct 2015 – Aug 2018 **Database Architect (Support Telecom AT&T)** [Accenture, Bengaluru](#)  
CDI  
◦ Performance tuning for ETL code, stored procedures and SQL query optimization and process automation. **{Oracle, SQL, PL/SQL, Mysql}**  
◦ Examine and identify database structural necessities by evaluating client operations, applications, and programming.  
◦ Created a unix shell script to automate task as per client requirement and deployed it on Cron server. **{Cron Job, bash scripting}**

## Academic Experience

- 2018 – 2020 **M. Sc. Data Science** [IMT Atlantique \(Institut Mines Télécom\), Brest, France](#)  
Artificial Intelligence {ML, DL, NLP}, Languages and Logic, Graphs, Software Engineering, Mathematics {Proba, Stat, Alg}, Signal Processing, Operational Research (OR), Big Data, Data Mining, B.I.  
◦ **{CNN, Stat, FullStack}** Ship detection by using satellite images  
◦ **{NLP, RASA}** Created a functional chatbot to order pizza.  
◦ **{DL & GCN}** Identify fake reviews on user behavior & text review.  
◦ **{Tensorflow}** Sketch of a person using Conditional GAN  
◦ **{Graphs}** Social Networks treatment and pandemic simulation  
◦ **{Big Data + NLP & ML}** Cloud Configuration + tf-idf on Big Data  
◦ **{BI}** Dashboard to visualize sustainable development solutions.  
◦ **{Tableau}** BI visualizations to assess risk, improve efficiencies, highlight unique insights.
- 2011 – 2015 **Bachelors in Computer Science** [Visvesvaraya Technological University, Bengaluru, India](#)  
Mathematics and Physics, Software Eng, Electronics

## Published

- 2020 **{NLP, ML, Graph}** An AI based talent acquisition and benchmarking for job industry. **arXiv:2009.09088**
- 2020 **{Clustering, Ontology, Apriori}** Amadeus ,Cluster labelling using domain ontology for high dimension data. **In Progress.**