**Blog** - https://medium.com/@rashmisangwan
**Github** - https://github.com/rashmisangwan

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# Rashmi Sangwan

**IBM Certified** *Data* **Scientist |  Python/***Data Science* **Trainer |  M.Tech. Post-Graduate**

## SUMMARY

IBM certified *data* scientist with 1 year experience as Python/*Data Science* trainer and post-graduated with M.Tech specialised in software engineering. Also an active tech blogger on *Medium*.

Have skills in machine learning tools ( like — Scikit-learn, Numpy, Pandas, MatplotLib, etc. ) and algorithms ( like — Supervised Learning and Unsupervised Learning ). Also in backend applications using Flask, Jinja and MySQL database.

## SKILLS

| | |
|---|---|
| **Languages** | Python, MySQL, HTML |
| **Frameworks/Libraries** | *Data Analytics* — Scikit-learn, Numpy, Pandas, MatplotLib and Tweepy<br>*Backend* — Flask framework with Jinja2 Templates |
| **Algorithms** | Machine Learning Algorithms for Supervised and Unsupervised Learning ( Linear regression, Logistics regression, K-Nearest Neighbour, Decision Tree, SVM, etc. ) |
| **Tools** | Jupiter Notebook, Git, Sublime and Spyder |

## CERTIFICATES

**IBM** *Data Science* **Professionals Certificate** — *Machine Learning with Python*

Source - Coursera

## EXPERIENCE

**Softcrayons Tech. Pvt. Ltd.** — *Trainer for Python and* *Data Science*

June 2018 - June 2019

## EDUCATION

**Galgotias University, Gr. Noida (U.P.)** — *M.Tech. Software Engg.* [ *8.9 CGPA* ]

Sept 2016 - June 2018

**GJUS&T, Hisar (H.R.)** — *B.Tech. CSE* [ *7.2 CGPA* ]

Sept 2012 - June 2016

## PROJECTS

### Finding the accuracy for various classification algorithms for a given *data* set.

**Link -** https://github.com/rashmisangwan/coursera-ibm-*data*-science-project

- Decision Tree
- KNN
- Logistic Regression
- SVM

**Skills -** Python, Pandas , Scikit-learn, Matplotlib, Numpy, Machine Learning Algos.

### [Research Paper] Mutation Analysis of perceptions of people towards GMOs

**Duration -** 1 month

- Fetches real-time twitter *data* based on some pre-defined keywords.
- Parses the raw *data* collected for useful information and prepares a CSV file for that *data*.
- Sentiment Analysis of parsed *data* using Indicolo library
- Aggregates the *data* based on mainly 3 params - Location, Language and Time of Day to generate various useful charts like Bubble chart using MS Excel.

**Skills -** Python, Pandas , Tweepy