**Amruta Magar**

\* Python Developer

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Around **2 years’ experience in Data analysis** in data-driven solutions to increase efficiency, accuracy, and utility of internal data processing, I’m as well Experienced at creating data classification and regression models, using predictive data modeling, and analyzing data mining algorithms to deliver insights and implement action-oriented solutions to complex business problems.

**Strengths-**

* Ability to write a clean and production code with **Object Oriented Programming** in **Python.**
* Able to investigate **Data Visualization** and summarization techniques conveying key findings.

**Professional Synopsis-**

 Sound Understanding in AI and Machine Learning & DSA (Data Structures & Algorithms).

 Proficient in Core Python and its libraries and Modeling - regression, classification, linear etc.

 Proficient in building highly scalable and optimized engines for Data Analytics.

 Strong exposure in RDBMS (MySQL, MongoDB, Document DB, MSSQL) and Servers

 Good in exposing and consuming APIs, RESTAPI, Web Services

**Data Science, Python & ML -**

* Strong Python Programming skills using OOPS, Functions, Modularization & decorators.
* Sound Knowledge of Python’s **Data Analysis** and **Machine Learning Libraries**.
* Development of REST APIs in Python. Experience in Web Framework **Flask**.
* Implementation of **regularization** techniques like **Lasso and Ridge in regression.**
* Data mining algorithm experience in the families of predictive algorithms (Regression**, KNN, Decision Trees**) and clustering algorithms (**k-means clustering**).
* Ability to process **Text Processing using NLTK library** and other Natural Language
* Thorough understanding of **Probability** and **Statistics**, **Bayesian** methods, T**ime Series** analysis.
* Experience in data management tools – **Non-Relational and SQL databases**.
* Ability to use Web Scraping Tools as Beautiful Soup.
* Source code management and Version Control system using **Git and GitHub.**
* Cloud platform for deployment- **AWS**

**Experience -**

Oct 2019 to till date **in Mindtree India Pvt. Ltd, Pune as Python Developer.**

**Education -**

* MTech (VLSI and Embedded System) GHRIET Pune from 2014-2016 | CGPA 7.9
* BE (ENTC) VVPIET Pune from 2011-2014 | 65%
* Diploma (ENTC) VVP Poly Solapur from 2008-2011 | 75%
* SSC HDSS School Solapur in 2008 | 76%

# Projects Handled-

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| --- | --- |
| **Project** | **Loan Prediction** |
| **Domain** | Finance |
| **Description** | Money organization bargains in every home credit. They have presence across all metropolitan, semi metropolitan and provincial regions. Client initially apply for home credit after that organization approves the client qualification for loan.The Organization needs to robotize the advance qualification process (ongoing) in light of client detail gave while filling on the web application structure. These subtleties are Sex, Conjugal Status, Training, Number of Wards, Pay, Advance Sum, Record as a consumer and others. To computerize this cycle, they have given an issue to recognize the clients fragments, those are qualified for credit sum with the goal that they can explicitly focus on these clients. |
| **Roles and Responsibilities** | Obtain information  Interaction and clean the information Incorporate and store information Beginning information examination and exploratory information investigation  Choose at least one likely models and algorithms  Apply information science techniques, such as machine learning, factual demonstrating, and computerized reasoning  Perform investigation to survey the nature of the information, decide the importance of the information, and give information realities and insights. |
| **Project** | **Froud Detection** |
| **Domain** | E commerce |
| **Description** | The Credit Card Fraud Detection Problem includes modeling past credit card transactions with the knowledge of the ones that turned out to be a fraud. This model is then used to identify whether a new transaction is fraudulent or not. Our aim here is to detect 100% of the fraudulent transactions while minimizing the incorrect fraud classifications.*.* |
| **Roles and Responsibilities** | Work on Machine Learning/Deep Learning  Write quality code while following best practices  Communicate with different customers/Project Lead Managers to understand needs in different verticals and think of critical solutions in these domains |

**Personal Details-**

**Date of Birth**  : 22/10/1992

**Permanent Address :** RD1 Abhimanshree Nagar Old puna naka Solapur 413001

**Hobbies** : Cooking, Reading Historical Books &Astrology

**Language known** : English, Hindi and Marathi.

**Status :** Unmarried