

CURRICULUM VITAE

Virendra Koli

Associate Analyst

PROFESSIONAL SUMMARY

- AI Professional with around 3.5 Year of functional expertise in preparing data, developing and deploying highly scalable machine learning models. Hands-on experience in building and running Machine Learning models in low power edge devices with reputed organization.

STRENGTHS:

- Keen & Perfectionist and want everything to be done right the first time
- Creative, strong logical and analytical ability.
- Very strong and effective organizational skills.
- Zeal to get things done on time and never postpone them.

EXPERIENCE SUMMARY

- Excellent applied statistics skills, such as distributions, statistical testing, regression, etc.
- Excellent understanding of machine learning techniques and algorithms, such as k-NN, Naive Bayes, SVM, Decision Tree, etc.
- Exposure to Time Series, Deep Learning & Natural Language Processing
- Extensive predictive analytics experience with Python

EXPERIENCE DETAILS

Worked in **RedHat, Pune** as Associate Analyst

TECHNICAL SKILLS

Primary Skills

- Knowledge of Machine Learning.
- Python/ML/CV Packages: Keras, OpenCV, Scikit Learn, Pandas, Numpy, Matplotlib, Seaborn
- Text Processing: NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Bag of Words

Secondary Skills

- Programming Languages: Python, SQL Database connectivity
- Cloud Platforms/Services: Google Cloud Platform (GCP), AWS

EDUCATION

Graduation Year	Degree	Percentage/CGPA	Institution
2010-2012	M.Tech (VLSI Technology)	64.60%	NMU, Jalgaon
2005-2009	BE (ENTC)	63.30%	SGB Amravati University
2003 -2005	HSC	66.83%	M.J. College Jalgaon (MH Board)
2001-2002	SSC	72.93%	G.A.S. High School Jalgaon (MH Board)

Projects

1. Credit Repayment Default Prediction (ML) (End – To –End)

Business risk minimization by predicting whether a person will default on loan repayment or not using different machine learning algorithms like Logistic Regression, KNN, Decision Tree and Random Forest

Roles and Responsibilities:

- To carryout preprocessing, Cleaning of data and verify integrity of data.
- To visualize and analyze data with data visualization with various python libraries to get insights of available data.
- To develop appropriate machine learning model using various algorithms so it can satisfy the requirements with better efficiency.

2. Restaurant Review Sentiment Analysis (NLP) (End – To – End)

Involves Text-Pre-processing, Dynamics Language modeling, Natural Language Processing, A statistical model is built to classify different reviews into positive and negative sentiments, Support Vector Machine , Naive Bayes classifiers were used to classify the sentiments.

Roles and Responsibilities:

- To carry out Text Wrangling & Processing like Tokenize, Normalize, Removing Stop words, Lemmatization, stemming etc.
- To perform Word Embedding using Count vectorizer, TF-IDF as well as Word2Vec.

3. Old Car Prize Prediction (ML) (End – To –End)

Determine old car prize depending upon their use manufacturing year and what purpose it will use, using different machine learning algorithms like Linear , Logistic Regression, KNN, Decision Tree and Random Forest

Roles and Responsibilities:

- To carryout preprocessing, Cleaning of data and verify integrity of data.
- To visualize and analyze data with data visualization with various python libraries to get insights of available data.
- To develop appropriate machine learning model using various algorithms so it can satisfy the requirements with better efficiency.