Saurabh Dorle

Passionate, Hardworking, Problem Solver

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EDUCATION

Course	School/ College	Board/ University	Year of Passing	Percentage /CGPA
M.E. Computer	MIT, Pune	Pune University	2018	8.01
B.E. Computer	PGMCOE, Pune	Pune University	2014	64.08
Diploma Computer	SPS, Satara	MSBTE	2011	77.45
S.S.C.	A.K.V., Satara	MH. State Board	2008	81.01

SKILLS

Python	★★★★☆
C	★★★★☆
MySQL	★★★★☆
R	★★★☆☆
Machine Learning	★★★★☆
Natural Language Processing(NLP)	★★★★☆
Deep Learning	★★★☆☆
Image Processing	★★☆☆☆
Tableau	★★☆☆☆
Microsoft Excel	★★★☆☆
MongoDB	★★★☆☆

Tool & Technologies: Git, Hadoop(Pig, Hive), AWS S3, AWS EC2

EXPERIENCE/PROJECTS

Real-time Emotion Detection-(Dec 2018, Jan 2019)

In this work, various facial expressions are captured & automatic emotion recognition is done. Pre-channel normalization is performed on 48x48 pixel values. Thus detection is done in keras with CNN model & openCV.

SMS Spam-detection-(Nov, Dec 2018)

Model is built for detection of Spam SMS or Non-spam SMS. Textual data is preprocessed for removing irrelevant data & maintain context of the text. Different classifiers like SVM, Naive Bayes, LSTM are trained & tested for appropriate results.

Big-mart Sales Prediction-(Oct, Nov 2018)

Big-mart maintains information of its products & outlets. This data is used for building a supervised predictive model. Sales for every product at the store is predicted. Linear regression, Random Forest & XGBoost approaches are implemented.

Political Sentiment Analysis through Social Media-(ME dissertation)

A superficial Political data is created containing tweets & posts for building Sentimental analysis model. After preprocessing, Word2Vec & TF-IDF are clubbed to form word vectors. Artificial Neural Network(ANN) is used for identification of opinion polarities of real time tweets.

CERTIFICATIONS/PAPER PUBLICATIONS

Certifications

1. Machine Learning A-Z Hands on Python & R in Data Science (Udemy)
2. Deep Learning A-Z Hands On (Udemy)
3. Data Science A-Z Real Life Data Science Exercise (Udemy)

Journal Publication

1. Saurabh Dorle, Nitin Pise"Sentiment analysis Methods & approach:Survey", IJICSE, Vol.4, Issue 6, Nov-Dec 2017

Conference Publications

1. Saurabh Dorle, Nitin Pise, "Political Sentiment analysis Through Social Media", ICCMC 2018 (IEEE)

Web-Based Application SQL Injection Preventer-(F*inal year B.E.)*

Web Based application was built for detecting and preventing SQL injection attacks on database.

Student Attendance System – (Final year Diploma)

Standalone system was built using Java and SQL for maintaining attendance of student, accessible by faculties as well as students.

2. Saurabh Dorle, Nitin Pise, "Political Sentiment Assessment through Social Media", PuneCon 2018 (IEEE)

LANGUAGES

English, Marathi, Hindi