Subhash Dixit

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EDUCATION

Year	Degree/Exam	Institute	CGPA/%
2017	BTech, Civil Engineering	National Institute of Technology Durgapur (NIT DGP)	8.71
2015	CBSE (Class 12th)	Kendriya Vidyalaya, Howrah	79.60 %
2013	CBSE (Class 10th)	Kendriya Vidyalaya, Howrah	10

EXPERIENCE

Associate - Data Science, Affine   May 2022 – Present
- Developed dashboard for WB in looker and created several reports for daily performance of the game
- Created data dictionary for more than 20 tables
- Completed ML-1, advance SQL and Python training

Assistant System Engineer, TCS   June 2021 – May 2022
- Overview: Worked with major UK Bank to enhance their customers experience using various banking applications in backend
- Used SQL, Unix in Oracle Database and various applications to give access to users, remove/add data of user and solve queries
- Completed several soft skills and technical training on Python, SQL and Unix in TCS, winner of the end of training quiz

ACADEMICS PROJECTS

WhatsApp Chat Analysis, Text Analytics Project   Nov 2021 – Dec 2021
- Visualized 50 arbitrary conversations of a user; the effect of lockdown, vacations, weekends on the texting pattern & sleeping habits
- Identified sentiment using VADER on text messages & performed topic modelling using Non-Negative Matrix Factorization (**NMF**)

High Strength Concrete Mix Design Calculator   June 2020 – Feb 2021
Prof. Aloke Kr Dutta   NIT Durgapur
- Developed a website for layman to easily find the proportion of concrete using **HTML**, **CSS** and **JavaScript** for construction
- Implemented the logic of manual into automated calculations using JavaScript, get the mix proportions by giving parameters

Global sales store dashboard   Aug 2021 – Aug 2021
- Developed an interactive **Power BI** dashboard to easily analyze different insights from a store sales dataset over 4 years
- Visualized different graph, slicer and card to get insight of the data like maximum sales in a year, in different region etc

Analysis of Page Industries Stock   Aug 2021 – Aug 2021
- Performed fundamental and technical analysis of Page Industries. Made candle stick chart,20SMA, 50SMA,20EMA,50EMA using the data available in the NSE website.
- Forecasted the future target price of the stock using projected EPS and net profit.

CONFERENCES AND COMPETITION

Sentiment Analysis   Oct 2021 – Nov 2021
- Processed 1.6 million tweets dataset; applied stemming along with removal of hyperlinks, mentions, and stop words
- Implemented tokenization to training and test datasets and used **GloVe** word embedding in the model
- Applied Tree based model and achieved **F1** score **0.6472** and predicted the tweet sentiment as **–ve** and **+ve**

IPL Data Analysis   Sep 2021 – Oct 2021
- Visualized 12 years (2008-2020) IPL data of all teams; top 5 players of the match, bar plot of most toss winners, the team did bat first and won, the team did bowl first and won, bar plot won by wickets, a number of matches played each year.

SKILLS AND COURSEWORK INFORMATION

COURSEWORK: Regression Model| Probability and Statistics| Product Development| Partial Differential Equations| Machine Learning Specialization| Econometric Analysis| Derivatives| Stock Market | Linear Algebra
SKILLS: Python, SQL, Machine Learning, Statistics, Looker, MS Excel (Advance), Power BI, JavaScript, HTML, CSS, C++
Libraries: NumPy, Pandas, TensorFlow, Keras, NLTK, Datetime PyTorch, Sk-learn, Seaborn, Matplotlib

EXTRA CURRICULAR ACTIVITIES

- Captained NIT Durgapur Cricket Team at national level in my 3rd year, won inter hall cricket tournament twice
- Volunteered at NSS NIT Durgapur; organized Clothes Donation Camp, taught primary school students
- Served as a Mess Secretary in my 3rd year, optimized the budget of mess and improved the food quality