KAWALJEET KAUR

MTECH (Industrial & Management Engineering)

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ACADEMIC DETAILS

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	BOARD/UNIVERSITY	PERCENTAGE
2018-20	M.Tech (Industrial & Management Engineering)	Indian Institute of Technology, Kanpur	IIT Kanpur	7.72(CPI)
2014-18	B.Tech(Industrial & Production Engineering)	College Of technology, Pantnagar	G.B Pant Univ Of Agri. & Tech.	7.19(CPI)
2014	Class XII	Beverly Hills	CBSE	90.2%
2012	Class X	Beverly Hills	CBSE	10 CGPA

INDUSTRY EXPOSURE

Postgraduate (Internship)	**INTERN AS DATA ANALYST IN MPHASIS NEXT LABS** ***TOPIC: Automatic Feature generation for Entity Extraction from free text using NLP.*** • Extraction of the legal names from the unstructured text documents showing the agreement between the organizations. • Methodologies such as **clustering , elbow curve , LDA , LSA ,dependency trees**, etc were used • Libraries such as **pandas, scikit-learn, numpy, nltk , spacy ,SVM**, etc. were in application. • Data was tagged and using **SVM** , model was trained and tested and ***accuracy of 97.87%*** was achieved. • The large data was handled on **Google Cloud Platform.**
Undergraduate (Training)	**Trainee at ONGC Dehradun** **TOPIC:** *Inventory Control Management* • The project focused on the various types of inventory control systems and their application in the required areas. • The EOQ model was studied and how it can help in optimising and managing the inventory. • Problems faced by small scale industry for inventory was also highlighted.

ACADEMIC PROJECTS

Data Mining	**Store item Demand Forecasting using ARIMA model in R :** • 5 years of store-item sales data was provided and 3 months of sales for 10 different stores was predicted • Inspected the data for **trends, cyclicity, seasonality and examined the p –value.** • The best model was used to predict the sales with 95% and 80% **confidence interval.**
Statistical Modeling in Business Analytics	**Graduate Admission Predictions-Linear and Multiple Regression in R:** • Effect of various parameters **CGPA, GRE score** etc were used to predict the chances of selection in a university. • Linear Regression and Multiple Regression model were applied on the data. • Best model was selected by examining the **residual plots and R square values.** **Monthly Auto Sales of US – Time Series Analysis:** • Monthly auto sales in US was predicted using past 10 years data. • Performed Exploratory data analysis, Data cleaning and Dickey Fuller Test. • The model with the optimal AIC value was selected and prediction was done for the next 24 months using the same.
Human Resource Management	**Case Study** - **Psychological ownership in differentiating employees with genuine motives ("soldiers") from those with self-serving motives ("actors") in an organization** • Defines and operationalizes genuineness of OCBs by comparing self-rated and others-rated citizenship . • Case solving involved various applications of analytics in HR field. **Case Study - Milgram's Experiment** • The case focused on the experiment conducted during World War II and the learnings derived from the same. • Relationship was established between the findings of the experiment and the present world's psychology .

POSITIONS OF RESPONSIBILITY

- **Internship Coordinator of IME department , IIT Kanpur (July'18- July'19):** Coordinated in a team of 4 people to supervise and manage the internship procedure for the summer term 2019 and represented the batch while contacting various companies.
- **Secretary PG Career Wing , Student's Gymkhana IIT Kanpur(*August'19-May'20*):** Responsible for creating Career awareness and opportunity for the students by conducting various sessions and seminars.
- **Orientation Team Member in Summer Orientation of Y19 PG Batch, Counselling Service *(May'19- May'20):*** Successfully conducted the 10 days summer orientation for the 2019 PG batch and organized and coordinated various events in the same.
- **Teaching Assistant for the course -***Governance of Global Value Chain.*.

CERTIFICATIONS , ACADEMIC AWARDS AND ACHIEVEMENTS

Datacamp Online Certificate : • Natural Language Processing • Advanced NLP using spacy in Python • Deep learning in Python using Keras. • Feature Engineering for NLP in Python	• Certificate in Programming using **C++ language**. • Won various positions in **Debate Competition** at Interschool State level. • Won **Proficiency certificates** in various subjects during school curriculum. • School Topper *in National Level Science Talent Search Examination* organized by Unified Council.

COURSEWORK AND SKILLS

Relevant Courses	Probability and Statistics	Operations Research	Introduction to Computing(Java)	**Data Mining and Knowledge Discovery**	**Statistical Modelling for Business Analytics**	**Computer Aided Decision Systems** |**Human Resource Management** |E-Supply Chain Management| Organizational Staffing| **Performance Management**
Technical Skills	R	**Python| NLP**	MS Office	**HTML**	**SQL**	**C++|**

EXTRA CURRICULLAR ACTIVITIES

- *Volunteer,Unmukt IITK*, forum for gender and sexual diversity.
- Speaker at *Ramakrishna Mission Ashrama*
- Speaker at *Virasat Folklife Heritage Festival*.