

EDUCATION

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	% / CGPA
2024 - Present	M.Tech Department of Management Sciences	Indian Institute of Technology, Kanpur	NA
2017-2021	B.Tech Textile Chemistry	Nitra Technical Campus Ghaziabad	8.26
2015	Higher Secondary Education UP Board	Rani Laxmi Bai Smarak Inter College	78.8
2013	Secondary Education CBSE Board	Diamond Public Inter College	8.4

SELF PROJECTS

1) Linear Regression Model for salary prediction (Self Project) [Github](#)

- Built a model in SK Learn to predict salary using experience data.
- Program uses `sklearn.linear_model` from the `scikit-learn` library to import the class `Linear Regression`.

2) Logistic Regression on IRIS Dataset (Self Project) [Github](#)

- Built a model in SK Learn to accurately classify 3 different classes of flowers.
- Implemented `Hyper Parameters Tuning` to achieve an accuracy of 92%.

3) Customer segmentation using K-Means Clustering (Self Project) [Github](#)

- Customer segmentation using `K-means Clustering` algorithm to identify groups who spend more for optimizing revenue of the mall.
- Performed data visualization and plotted elbow graph to identify the optimal parameter for K-Means clustering algorithm.

WORK EXPERIENCE (25 Months)

(Jul 2021 – Aug 2023)

Job Profile	Worked in Kusumgar Corporates Pvt Ltd as Product Development Engineer managing development of fabric under Defence & Aeronautical Segment.
Projects	Optimized production costs and processes using ERP systems and Excel, enhancing decision-making and reporting. Analyzed data, including color reflectance for defense fabrics, to improve IRR values and overall project outcomes.

COURSEWORK AND SKILLS

Relevant Courses*	Probability & Statistics Operations Research for Management Introduction to Computing (Python) Statistical Modelling for Business Analysis
Online Courses	Python Programming - Beginner to Master- Udemy (ongoing)
Technical Skills	SQL* Python* Data Analysis Machine Learning*

ACHIEVEMENTS & EXTRA CURRICULAR

- Secured AIR 4 in Gate 2024 in Textile Eng. & Fibre Science paper conducted by IISc Bangalore.
- Junior Placement Coordinator at Department of Management Sciences in IIT Kanpur.

*Present / Under Progress