

ABHEET SONKER

M.Tech | Department of Management Science | IIT Kanpur

✉ abheets24@iitk.ac.in

☎ +91 6394996857

EDUCATION:			
YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	%/CPI
2024-Present	M.Tech Department of Management Sciences	Indian Institute of Technology, Kanpur	NA
2015-2019	B.Tech Man-Made Fibre technology	Uttar Pradesh Textile Technology Institute, Kanpur	76.32
2014-2015	Higher Secondary Education CBSE Board	Saraswati Vidya Mandir, Lucknow	79.16
2012-2013	Secondary Education CBSE Board	Saraswati Vidya Mandir, Lucknow	9.4 CGPA

KEY PROJECTS:
Logistic Regression on IRIS Dataset (Self Project) <ul style="list-style-type: none">➤ Built a model in SK Learn to accurately classify 3 different classes of flowers.➤ Implemented Hyper Parameters Tuning to achieve an accuracy of 92%
Health Insurance Medical Cost Prediction (Self Project) <ul style="list-style-type: none">➤ There are 1338 unique customer records and 7 different attributes.➤ Methodology involves sequential phases: Exploratory Data Analysis, Data Preprocessing, Model Building, Model Validation.➤ The model was trained utilizing the training data, employing Linear Regression➤ Result: Mean Square Error (MSE) = 0.1873, R square value: 0.77957.

WORK EXPERIENCE (42 Months)	
Job Profile	<ul style="list-style-type: none">➤ Worked as Senior Engineer in Welspun Flooring Ltd. responsible for Quality parameters and data handling related to process and products of the organization.➤ Responsible for the testing laboratory functions ensuring proper compliance related to legal and technical point of view.
Projects	<ul style="list-style-type: none">➤ Led the development and presentation of KPI dashboard, driving data-driven decision-making and process improvements.➤ Managing IMS activities, ensuring compliance with standards and driving Continuous improvement in QMS.

COURSEWORK AND SKILLS:		*in progress
Relevant Courses	Probability & Statistics* Introduction to Computing – Python* Operation Research for Management* Statistical Modelling for Business Analysis*	
Technical Skills	Data Structures and Algorithms Python NumPy Pandas Matplotlib Seaborn Scikit-learn SQL SAP Power BI MS Excel Tableau	
Soft Skills	Decision Making Adaptability Team Management Communication Skills Quick learner Teamwork	

CERTIFICATIONS:
<ul style="list-style-type: none">➤ ISO/IEC 17025: 2017- General Requirements For (Laboratory Quality System & Internal Audit) the Competence of Testing & Calibration Laboratories (Online Course by Quality council of India)➤ SAP PP Production Planning (beginner to advance level) (Online Course by Udemy)➤ Personality development and capacity building of students (TEQIP, UPTTI)➤ Advance Data Analytics and Mathematical Modelling with MATLAB (TEQIP, UPTTI)

PORS
<ul style="list-style-type: none">➤ Senior Engineer, TQM, Welspun.➤ Head of Unmulan NGO for year 2018-2019.➤ Decoration head, Cultural Committee UPTTI for year 2018-2019.

ACHIEVEMENTS & EXTRACURRICULAR
<ul style="list-style-type: none">➤ Awarded Best budding leader in Welspun budding leader program.➤ Awarded Gold Medal in Carron single and doubles.➤ Secured AIR 72 in GATE 2024 Examination in Textile Engineering and Fibre Science.

LinkedIn Profile Link- [Abheet Sonker](#)

GitHub Profile Link- [Abheet-Sonker](#)