AKBAR KHAN

M.Tech (Industrial & Management Engineering)

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ACADEMIC DETAIL

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	PERFORMANCE
2022-24	M.Tech (Industrial & Management Engineering)	Indian Institute of Technology, Kanpur	-
2016-20	B.E(Mechanical)	MCT Rajiv Gandhi Institute of Technology, Mumbai	7.22Cgpa
2016	Class XII	Kala Vidyalaya High School & Jr. College	74.15%
2014	Class X	Ideal English High School	60%

PROJECT

Self-Project	**1. House Prices Prediction** • The objective was to predict the prices of the house using the given features. There were 506 rows and 13 feature variables in the dataset. • Steps included Exploratory Data Analysis, Handling missing values and Model building. • Dependency used Pandas, NumPy, Matplotlib, Seaborn, Sklearn. (https://github.com/akbarak22/Dragon-Real-Estate)
	2. Loan Status prediction • To determine whether a person should be granted a loan. • Steps include Exploratory Data Analysis, Feature Engineering and dealing with missing values and found out the accuracy on Linear Regression, Decision Tree, Random Forest Models. • Package used Numpy, Pandas, matplotlib, Sklearn, Seaborn. (https://github.com/akbarak22/2.-Loan-status-prediction)

WORK EXPERIENCE (16 months)

Organisation Name : Accenture Solutions Private Limited   **DURATION:** Feb'21-July'22
Job Profile   **:** Trust & Safety New Associate
Role   **:** Data Classification according to Policy Guideline of the Project

COURSEWORK AND SKILLS

Relevant Courses	Data Mining & Knowledge Discover| Operation Research for Management Probability & Statistics	Introduction to Computing	*ongoing*
Technical Skill	Python (NumPy, Pandas, Matplotlib, Scikit-learn) **|** Sql**|** MS Excel **|** Power BI **|** Java	*ongoing*

CERTIFIED COURSES

- Statistics for Data Science and Business Analysis certified by Udemy.
- Python Fundamentals for Beginners by Great Learning Academy.
- Introduction to SQL by Skillup.
- Data Visualization with Power BI by Great Learning Academy.
- Microsoft Excel formulas and functions certified by Udemy.
- MS Office certified by AAA Foundation.

B.E-PROJECT, PUBLICATIONS & CONFERENCESS

Topic	Analyzing the effect of process parameters to improve the quality of friction stir welded joints (Al-Cu) • 10 sample were produced for the experiment. • Two prosses parameter Tool rotational speed (A), Tool traverse speed (B) and thickness of zinc foil (C), is use to determine the effect on ultimate tensile strength of the weld (Y). • The process parameters that significantly affect the weld is studied. • The optimum range for parameter (A, B, C) is determined to improve the quality of friction stir welded joint (Al-Cu).
Publications	Defect features in Friction Stir Welded joints. • The overview of the various defect formed in FSW. • The effect of this defect on weld performance is discussed. (https://thinkindiaquarterly.org/index.php/think-india/article/view/9554)
Conferences	Presented Paper in International conference on Management, Engineering and Social Science (ICMESS) Topic**:** Defect features in Friction Stir Welded joints. (https://www.iferp.in/past-conference/icmess-19.php)

POSITION AND ACHIEVEMENT

- 1st Rank in Class XII Science
- Joint Logistic Head of IIIE RGIT student chapter (2018-19)