

PROJECTS AND SKILLS**PROJECTS**

- Advanced regression analysis to predict house prices using the Melbourne Housing Dataset.
- Classification model for predicting chronic heart disease in suspected patients with 97% accuracy.
- Customer segmentation using the K-means algorithm.

Techniques Used

- Data Cleaning
- Clustering Algorithms
- Segmentation Techniques
- Model Evaluation Metrics
- Hyperparameter Tuning
- Feature Scaling
- SMOTE
- Recursive Feature Selection
- Validation Techniques
- VIF in Regression Modeling

Skills

- Data Cleaning
- Programming in Python
- Machine Learning
- Scikit-learn
- Statsmodels
- Pandas
- MySQL
- Mat plot lib and Seaborn for Data Visualization
- MS Excel, PowerPoint, Word
- Predictive Analysis
- Data Story Telling

SCHOLASTIC RECORD

Data Science and Analytics AI	Upgrad	Certified	First
B. Tech. (CS)	Pacific Institute of	8.3 CGPA	Pursuing
XII (CBSE)	Pt. Uma Dutt Public School	60.2%	First
X (CBSE)	Pt. Uma Dutt Public School	9.0 CGPA	First

ACHIEVEMENTS**Positions of Responsibility:**

- House Captain in class 8.
- Selected as a creator for Shutterstock's stock graphic content creator.
- Gained over 3,500 subscribers on the Tech YouTube channel GeekOut Everything.

Extra Curricular

- Runner-up in the Inter-House Handball Tournament.
- Won the Calligraphy competition in class 8.

Social Initiatives

- Donated in charity for people who were affected due to corona virus.
- Participated in community clean-up drives across my city as a part of my scout activities in 10th grade.