Mindluster Platform

About the course VIF application in python for beginners

VIF application in python course, in this course dives into the fundamentals of Variance Inflation Factor (VIF) and its application in Python to detect and address multicollinearity in regression models. Learn how multicollinearity affects model accuracy and discover effective techniques to mitigate it. Through hands-on examples, explore the use of Python libraries like Statsmodels and Pandas to compute VIF values for independent variables, interpret the results, and improve model performance. Gain practical insights into feature selection and data preprocessing strategies for building robust statistical and machine learning models. Whether you are a beginner or an advanced user, this course equips you with essential skills to enhance the quality of your predictive models.

Computer Science Category's Courses

Course Lesson(9)

Lesson 1 : **Principal component analysis step by step PCA explained step by step PCA in statistics**

Lesson 2 :
Linear discriminant analysis explained LDA algorithm in python LDA algorithm explained

Lesson 3 : **Variance Inflation Factor Simplified Variance Inflation Factor in Multicollinearity VIF**

Lesson 4 : **Why multicollinearity is a problem Why is multicollinearity bad What is multicollinearity**

Lesson 5 :
Feature Selection techniques in Python feature selection machine learning machine learning tips

Lesson 6 :
Recursive Feature Elimination Technique Recursive feature elimination in machine learning

Lesson 7 : **Feature Selection Wrapper and Embedded techniques Feature Selection Playlist**

Lesson 8 : **VIF Application in Python VIF In python Variance Inflation Factor In Python**

Lesson 9 :
Interview Questions On Feature Scaling normalization vs standardization machine learning

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees