



SRI SAI VIDYA VIKAS SHIKSHANA SAMITHI ®
SAI VIDYA INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF MANAGEMENT STUDIES

RAJANUKUNTE, BENGALURU 560 064, KARNATAKA



In association with MoE's Innovation Cell,

'Institution's Innovation Council',

NIPM STUDENT CHAPTER, Bengaluru

&

The Institute of Cost Accountants of India
(ICAI-CMA)



WORKSHOP

on

"Linear Regression and Variable Selection"



Mr. Chandramouli Ramaswamy
Consultant - Business
Analytics

Friday 22nd, Dec 2023

Time: 10:30 AM to 12:30 PM

Venue: LH 122

Dr. D Jogish
Head of the Department -MBA.

Dr. M S Ganesha Prasad
Principal , SVIT.

A workshop Was Conducted By The Department Of Management Studies On 22nd December 2023; 10:30 AM To 12:30 PM On The **Topic** Linear Regression and Variable Selection by Mr. Chandramouli Ramaswamy, Consultant- Business Analytics .For 2nd Year MBA, 60 Students Participated In The Program. With An Objective to give MBA students the hands-on knowledge and abilities needed for data-driven decision-making in the corporate world.

Event schedule
Mode: Offline session
Date & Time: 22-12-2023; 10:30 AM to 12:30PM
Welcome Note: Prof. Chandana T C
Resource Person: : Mr. Chandramouli Ramaswamy, Consultant- Business Analytics
Topic: Linear Regression and Variable Selection”
Question and Answer Session Chandramouli Ramaswamy
Vote of thanks: Prof. Manjunatha S

Chanadana TC, assistant professor, department of MBA, welcomed the resource person and Dr. D Jogesh HOD department of MBA gave insights about the sessions topics and its usefulness to the students. Then the session was handed over to the resource person Mr. Chandramouli Ramaswamy, consultant- Busienss Analytics, he started the session with a brief introduction about the Business Analytics, its role in present corporate world, then he moved on to the topic of the workshop “ Linear Regression & Variable Selection”

During the session the speaker discussed about the Basic principles of Linear Regression enabling the students to understand the role of modeling relationships between dependent and independent variables. Evaluating the model performance using different Parameters, various techniques of variable selection forward selection, backward elimination, and stepwise regression. Statistical criteria used in variable selection for using in linear regression which is helpful in guiding the students to take informed decisions all this things were discussed with the help of real world examples, which gave the students to bridge the gap between the concepts and practical applications, which empowered the students with skill & knowledge essential for the success in the field of Business Analytics.





Vote of thanks:

Given by Prof. Manjunatha S, Department of MBA, SVIT.

Thank you note:

The department of management extends warmth and heartfelt thanks to the resource person Mr. Chandramouli Ramaswamy, Consultant- Business Analytics” and Dr D Jogish, HOD of MBA department for sparing their valuable time, extending suggestions and support and allowing students to participate in the session. The faculties of SVIT without which the program wouldn't have been successful.

R UMESH

Even Coordinator

Dr.D JOGISH

HOD