ANIL KUMAR ADAPAKA

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CAREER OBJECTIVE

Self-motivated, honest and hardworking fresher seeking for an opportunity to work perfectly in a challenging environment to prove my skills and utilize my knowledge and intelligence in the growth of the organization.

EDUCATIONAL BACKGROUND

10TH STANDARD:

Sri Sivananda High School, Siripuram, India (9.8/10 CGPA)

INTERMEDIATE:

Narayana Junior College, Rajam, India (953/1000)

BACHELOR'S DEGREE:

Aggregate: 75.9%
Department of Information Technology
Jawaharlal Nehru Technological University, Vizianagaram, India

PROGRAMMING KNOWLEDGE

- C,C++
- Java
- Python
- R programming
- Web Designing and Development using flavors of HTML,CSS,Java Script

TOOLS KNOWN

- MS-Office
- Eclipse

PROJECT

TITLE: ADAPTIVE RIDGE REGRESSION FOR SOFTWARE COST ESTIMATING ON MULTI-COLLINEAR DATASETS.

The project is mainly processed on the adaptive ridge regression. The cost of the software is predicted to be low with high quality and to be produced in short time. The software cost can be estimated for multi-collinear datasets through ridge regression. In general, it can be done through the linear regression. But due to huge increase in data it results in multi-collinearity. Due to these non-linearity, non-normality, multi-collinearity.. linear regression results in low prediction of accuracy. To achieve this, adaptive ridge regression is applicable.

It can be done for the multi-collinear datasets whose MVIF(Mean Variance Inflation Factor) value is greater than 1. To implement the adaptive ridge regression, initially a ridge parameter should be calculated. Based on this ridge coefficient, objective function can be found

using error metrics MMRE(Mean Magnitude Relative Error) and PRED (Prediction) values whose MRE value is less than or equal to 0.25. Then the final prediction can be calculated for the optimum value (minimum) of the objective function.

INDIVIDUAL ROLE:

As this is the group project, I just have a separate role in this project. I have cross-validated the datasets to evaluate multi-collinearity among them. And also calculated the error metrics : MRE, MMRE, PRED, BRE, MBRE, MARACTUAL and SA by designing a code in PYTHON and executed in the ANAKONDA tool in order to get the objective function. And then the final value would be further proceeded. Similarly to get more accuracy and similar values for different datasets, we had done it in R programming also.

ACHIEVEMENTS:

- Stood 1st in Ramanujan Maths Talent Test (District Level)
- Stood 1st in Madyamikha Talent Test (School Level)
- Stood 1st in Tenth Standard (Mandal Level)

ACTIVE PARTICIPATIONS:

- Founder and Head of Abhyudaya Society (Supporting Social Cause)
- Stood as Class Representative for 3 times
- Student Coordinator for Technical Fest "ITYukta-2k16" and "ITYukta-2k17"
- Attended PHP, MySQL workshop at JNTU Vizianagaram

STRENGTHS:

- Good at Communication Skills
- Creativity
- Adaptable
- Can speak English fluently
- Good at stress handling
- Possesses management skills

YOU CAN REACH ME AT,

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I do here by that the information provided above is true to the best of my knowledge.