

# PREMKUMAR D



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## OBJECTIVE

I am looking for challenging job with a rapidly growing organization that can provide me with a range of goals and job objectives within a contemporary and economical business settings.

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## PROJECT

### ETL PROJECT – TEXT PROCESSING

- Collected data from existing open source biological database **Uniport**.
- Collected data is fasta format.
- Using Python, process the fasta format file and create csv file with required data.
- Through Python, Create a MySQL database with the data which used to create csv file.

### BIO INFORMATICS DNA

Apart from analysis of genome sequence data, bioinformatics is now being used for a vast array of other Important tasks, including analysis of gene variation and expression, analysis and prediction of gene and protein structure and function, prediction and detection of gene regulation networks, simulation environments for whole cell modelling, complex modelling of gene regulatory dynamics and networks, and presentation analysis of molecular pathways in order to understand gene-disease interaction.

## MACHINE LEARNING PROJECT

### BIG MART SALES PREDICTION

- The aim is to build a predictive model and find out the sales of each product at a particular store. Using this model, BigMart will try to understand the properties of products and stores which play a key role in increasing sales.

- A predictive model was developed using **Linear regression, Polynomial regression, and Ridge regression** techniques for forecasting the sales of a business such as Big-Mart, and it was discovered that the model outperforms existing models.

### HOUSE RATE PREDICTION

- To predict the sale prices we are going to use the following linear regression algorithms: **Ridge regression algorithm, Lasso regression algorithm, Bayesian regression algorithm**. These algorithms can be feasibly implemented in python with the use of the scikit-learn package. Finally, we conclude which model is best suitable for the given case by evaluating each of them using the evaluation metrics provided by the scikit-learn package.

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# COURSES

## DATA SCIENCE

- Certificate in Data science toolkit (Python, Power BI, MySql) from Besant Technology.
- Hands on experience in Jupyter (Python 3), Power BI.
- Handa on experience Modeling ML Algorithm (Regression, Classification, Clustering), Deep Learning Algorithm (Pandas, Numpy, Scikit-learn ,Tensorflows, etc.,)
- Knowledge in MySql Database Management.

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## EDUCATION

- |        |                                       |
|--------|---------------------------------------|
| • 2017 | SAMBAVIGA HR SEC SCHOOL<br>SSLC - 92% |
| • 2019 | SAMBAVIGA HR SEC SCHOOL<br>HSC - 69%  |
| • 2022 | ALAGAPPA UNIVERSITY<br>BCA - 84%      |

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## SKILLS AND KNOWLEGE

### COMPUTER KNOWLEDGE

- MS Word
- MS PowerPoint
- MS Excel
- Canva

### EXPERTISE

- Active listening
- Creativity
- Negotiation
- Critical Thinking

### LANGUAGE

- Read - Tamil, English
- Write - Tamil, English
- Listen - Tamil, English
- Speak - Tamil, English

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## PERSONAL INFORMATION

### FATHER'S NAME

DHANASEKARAN A

### HOBBIES

Listening to music, Learning New Things

### D.O.B

01/02/2002

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## DECLARATION

Herewith I declare that the above given details are true to my knowledge and I am responsible for the accuracy of the particulars mentioned.



**D.PREMKUMAR**