

30 Days **Machine Learning** Master Class

HandBook

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What is Master Class ?

👍 This is the 30 Days Industrial Learning Activity.

👍 Its Online **YouTube Live** Class

👍 If you Invest **45 minutes** daily, U will
become Master in **Machine Learning**

👍 You will get **FREE E-Certificate**



Webinar Participation Certificate

*"Learning is the beginning of wealth.
Searching & Learning is where the miracle process all begins."
.....Jim Rohn*

PANTECH?

1. **Educational Equipment Manufacturer**
 - IoT, AI, Robotics, Autonomous Robot
 - Microprocessor/Microcontroller
 - DSP, VLSI, Embedded System
 - Power Electronics & Drives, Fuel Cell Trainer Kit
 - Renewable Energy Lab, Electric Vehicle Lab
2. **Technical Training**
3. **DIY Project**

Our Vision

Help 10 Million Students **to** Learn the
Technology **in** Easy Way



APSSDC

Andhra Pradesh State Skill Development Corporation



Associate Partner for this Master Class

<https://apssdc.in/home/>

NANDHINI.S

Exp: 5 Yrs

Expert in

- Python Developer on Machine Learning
- Deep learning with computer vision
- Matlab – Image Processing
- Autonomous Car design using ROS with LIDAR

Language – Python , Java , HTML ,CSS.

Tools – ANACONDA NAVIGATOR, JUPYTER NOTEBOOK,

- GOOGLE COLAB.

Graduation : BE – ECE | 2011

What U will Learn from 30 Days Machine Learning Master Class

Machine Learning Learning Plan

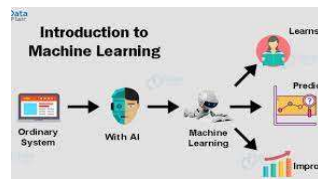
01



Python

Introduction To Python
and Python Data
Structures

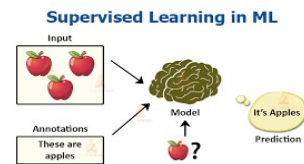
02



Machine Learning

Machine Learning
Concepts, Libraries
For Machine
Learning

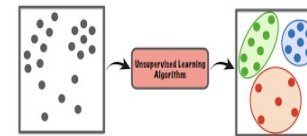
03



Supervised Learning

Linear
Regression, SVM
Algorithm, Random
Forest, Naïve Bayes
Algorithm

04



Unsupervised Learning

Elbow Method, K-
Means Clustering

05



Opportunities

Project Building,
AI Jobs

Day wise Learning Plan

Day 1- Python Programming – Fundamentals
Day 2- Python – Tools | Syntaxes & Data Structures
Day 3- Machine Learning Concepts
Day 4- Pandas Library - Introduction
Day 5- Pandas – Data Structures
Day 6- Numpy library - Array Operations | Mathematical Functions
Day 7- Numpy - Sort , Search and Counting Functions | Byte Swapping
Day 8- Matplotlib , Histogram Using Matplotlib | I/O With Numpy
Day 9- Matplotlib Library - Introduction , Pyplot API | Types Of Plots
Day 10- Seaborn Library
Day 11- SKLearn Library
Day 12- Google Colab Notebook
Day 13- Data Preparation & Visualisation
Day 14- Data Normalization Techniques
Day 15- Introduction to supervised learning algorithms.

Day 16- Liver Disease Prediction – Logistic Regression
Day 17- Flower Species Identification – SVM Algorithm.
Day 18- Fake news detection – Naïve Bayes
Day 19- Android malware - Decision tree Algorithm.
Day 20- Credit_card Fraud detection – Random Forest Algorithm
Day 21- Employee Salary Prediction - Linear Regression Algorithm
Day 22- Advertisement and Sales Prediction – Multiple Linear Regression Algorithm.
Day 23- Agriculture Price Prediction – Random Forest Regression.
Day 24- Flower Species Data Visualization - PCA
Day 25- Market Basket Analysis - APRIARI
Day 26- Hate Speech Detection - NLTK
Day 27 – Loan Prediction Problem - XGBoost
Day 28- Movie Review Classification- RNN
Day 29- Digits Classification - CNN
Day 30- AI – Cart Pole – Reinforcement Learning

List of Projects for Demo in YouTube Live

- Liver Disease Prediction – Logistic Regression(**Day 16**)
- Flower Species Identification – SVM Algorithm(**Day 17**)
- Fake news detection – Naïve Baye's(**Day 18**)
- Android malware - Decision tree Algorithm(**Day 19**)
- Credit_card Fraud detection – Random Forest Algorithm(**Day 20**)
- Employee Salary Prediction - Linear Regression Algorithm(**Day 21**)
- Advertisement and Sales Prediction – Multiple Linear Regression Algorithm (**Day 22**)
- Agriculture Price Prediction – Random Forest Regression(**Day 23**)
- Flower Species Data Visualization - PCA(**Day 24**)
- Market Basket Analysis - APRIARI(**Day 25**)
- Hate Speech Detection - NLTK(**Day 26**)
- Loan Prediction Problem - XGBoost(**Day 27**)
- Movie Review Classification- RNN(**Day 28**)
- Digits Classification – CNN(**Day 29**)
- AI – Cart Pole – Reinforcement Learning(**Day 30**)

All Projects in **Jupyter Notebook**

What you will get from this Free 30 Days Master Class?

1. You can attend YouTube Live Class
2. Free E-Certificate (WEBINAR PARTICIPATION CERTIFICATE)

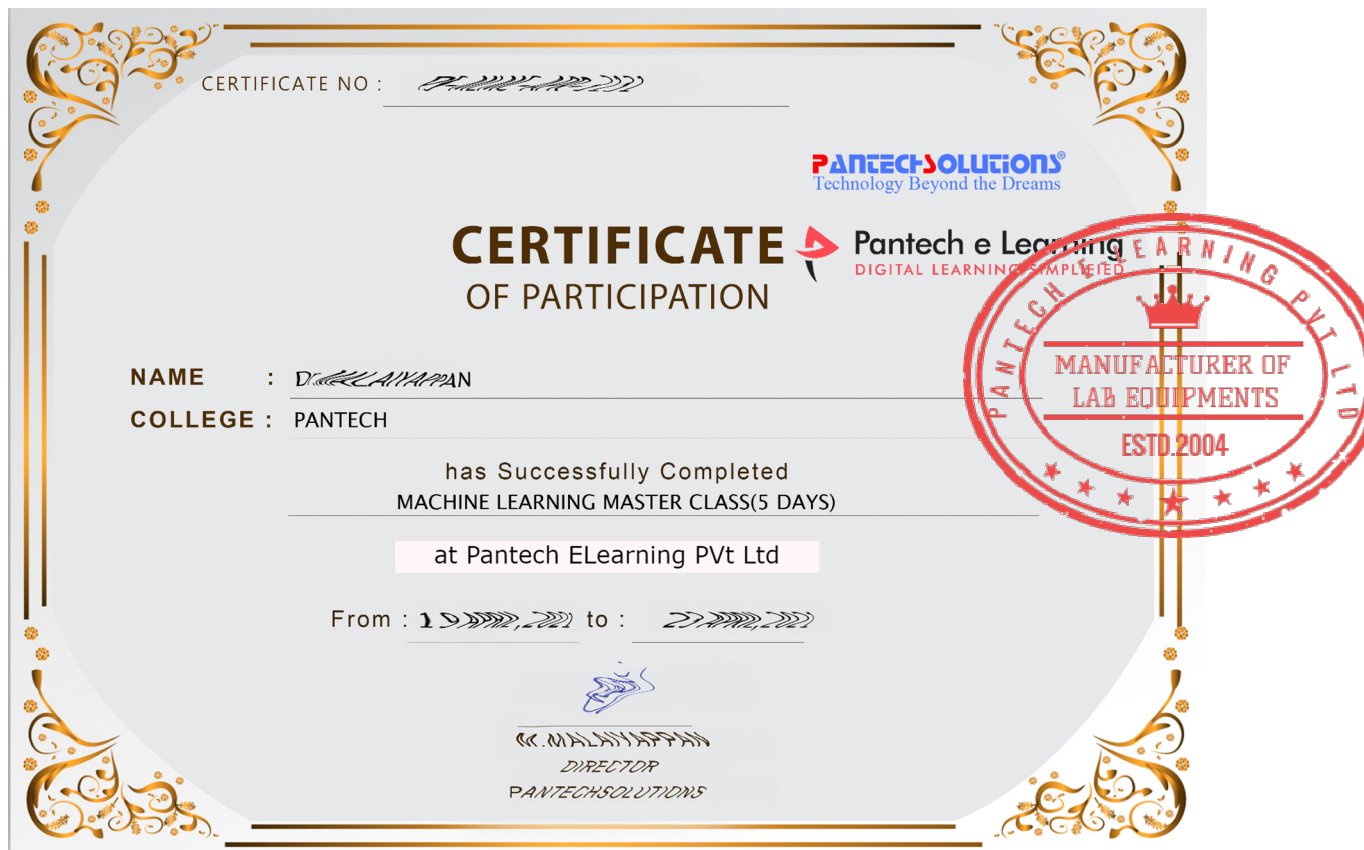
How to mark your Attendance in YouTube Live Class?

Ans : During the Live Class, organizer will post [Google Form link](#) in [Live Chat](#). The Participants should submit the form on daily basis.

Minimum 25 Days Attendance is Required to get Free Master Class Participation Certificate.

Note : The Link will be available during the Live. From the LIVE Class date, the live video will get removed from the YouTube in 3 days.

Sample Webinar Participation Certificate?

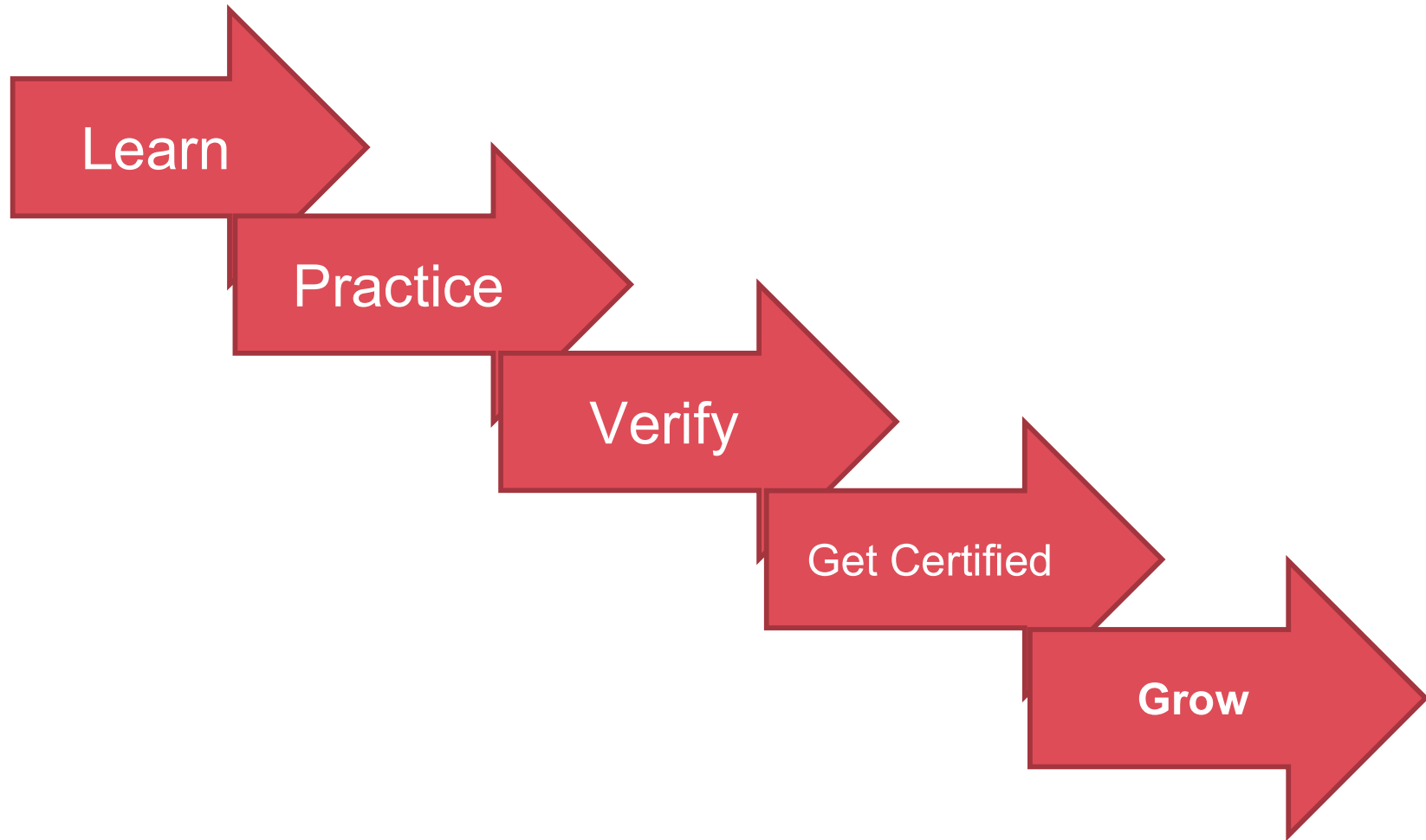


On Demand

You can get chance to apply 1 Month
Internship on Machine Learning

<https://www.pantechlearning.com/courses/machine-learning-masterclass/>

WHAT IS INTERNSHIP????



Objective of this 30 Days Master Class

**Pantech will make you to Create 10
Projects in Machine Learning in 30
Days**

1 MONTH INTERNSHIP IN MACHINE LEARNING

1. INTERNSHIP E-Certificate(30Days Internship on Machine Learning)
2. Highly organized Video content
3. Download ipynb Files
4. Download PPTs
5. Assignments
6. Flexible Time.
7. Access Period: 60Days from the date of payment

WHAT YOU WILL GET???

- **30 Days Learning Activity**
- **Machine Learning concepts**
- **10 + Projects**
 - Liver Disease Prediction – Logistic Regression(**Day 16**)
 - Fake news detection – Naïve Baye's(**Day 18**)
 - Android malware - Decision tree Algorithm(**Day 19**)
 - Credit_card Fraud detection – Random Forest Algorithm(**Day 20**)
 - Employee Salary Prediction - Linear Regression Algorithm(**Day 21**)
 - Advertisement and Sales Prediction – Multiple Linear Regression Algorithm (**Day 22**)
 - Hate Speech Detection - NLTK(**Day 26**)
 - Loan Prediction Problem - XGBoost(**Day 27**)
 - Movie Review Classification- RNN(**Day 28**)
 - Digits Classification – CNN(**Day 29**)
 - AI – Cart Pole – Reinforcement Learning(**Day 30**)

Project Files of
Jupyter Notebook

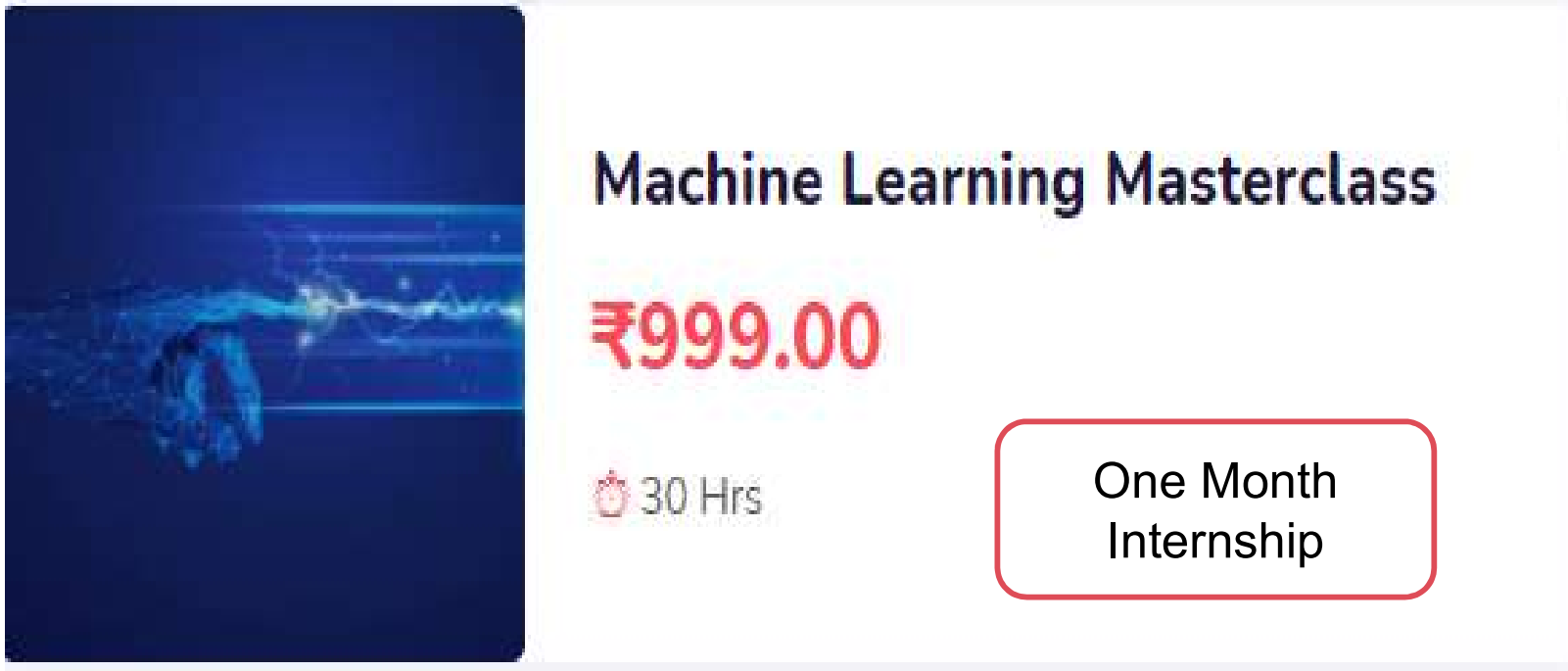
Project PPT

Video Class Access for 2
Months

Get chance to Enroll 1-Month
Internship on demand

HOW TO ENROLL INTO 1 MONTH INTERNSHIP

<https://www.pantechlearning.com/courses/machine-learning-masterclass/>



The promotional card features a dark blue background on the left with a glowing blue hand reaching out towards a bright light source, creating a sense of digital interaction. The right side of the card is white and contains the following text:

Machine Learning Masterclass

₹999.00

 30 Hrs

One Month
Internship

AFTER INTERNSHIP REGISTRATION WHAT YOU HAVE TO DO?

1. Login to www.pantechlearning.com
2. Access the Video on daily basis for next 30 Days. Practice the Concept and submit assignments
3. Ask your doubts in VIP Group. Group link is avail in your dashboard.
4. Finish all the videos and download your Certificate from your dashboard

INTERNSHIP CERTIFICATE (SAMPLE)

CERTIFICATE NO : _____

 **Skill AP**
APSSDC

CERTIFICATE OF INTERNSHIP

 **PANTECH SOLUTIONS**
Technology Beyond the Dreams

 **Pantech e Learning**
DIGITAL LEARNING SIMPLIFIED

NAME : _____

COLLEGE : _____

has Successfully Completed

at Pantech E-Learning Pvt Ltd

From : _____ to : _____

Sample Certificate


PANTECH E-LEARNING PVT LTD
MANUFACTURER OF
LAB EQUIPMENTS
ESTD.2004

 **M. MALAYAPPAN**
Executive Director

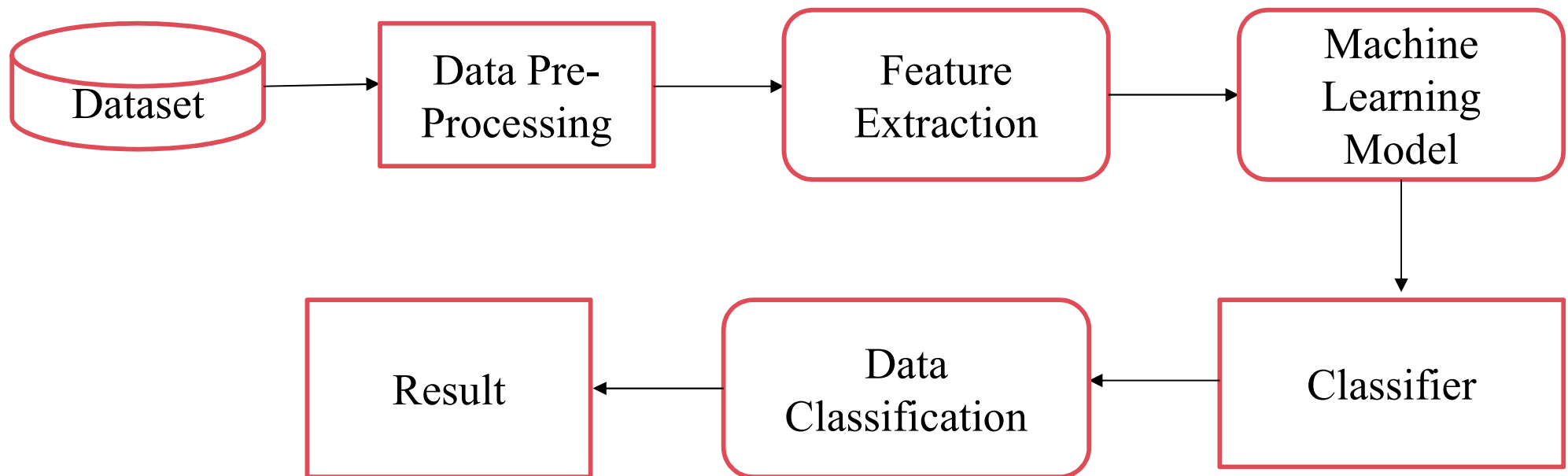
 **D. SRIKANTH RAJU**
MD & CEO

PANTECH SOLUTIONS

Projects Included in Internship.

Pantech will make you to Create 10 Projects in Machine Learning in 30 Days

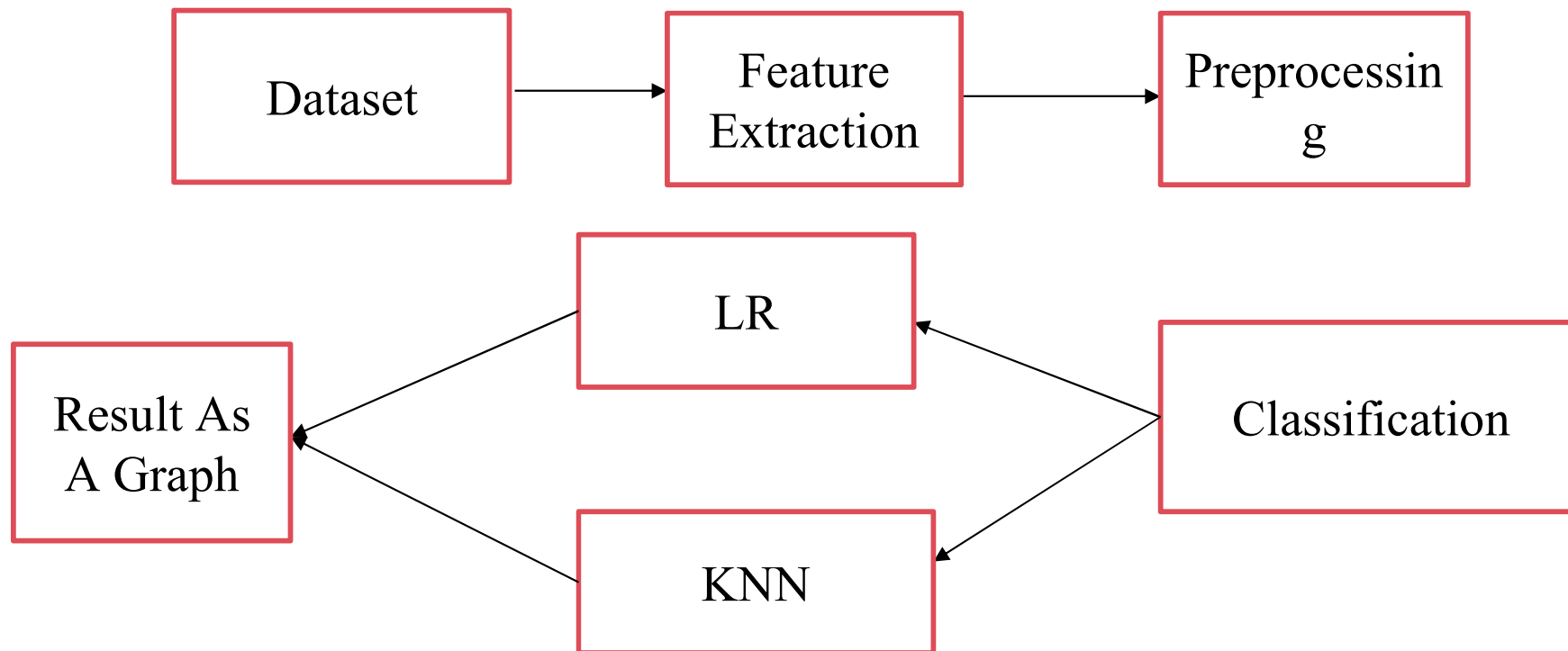
LIVER DISEASE PREDICTION



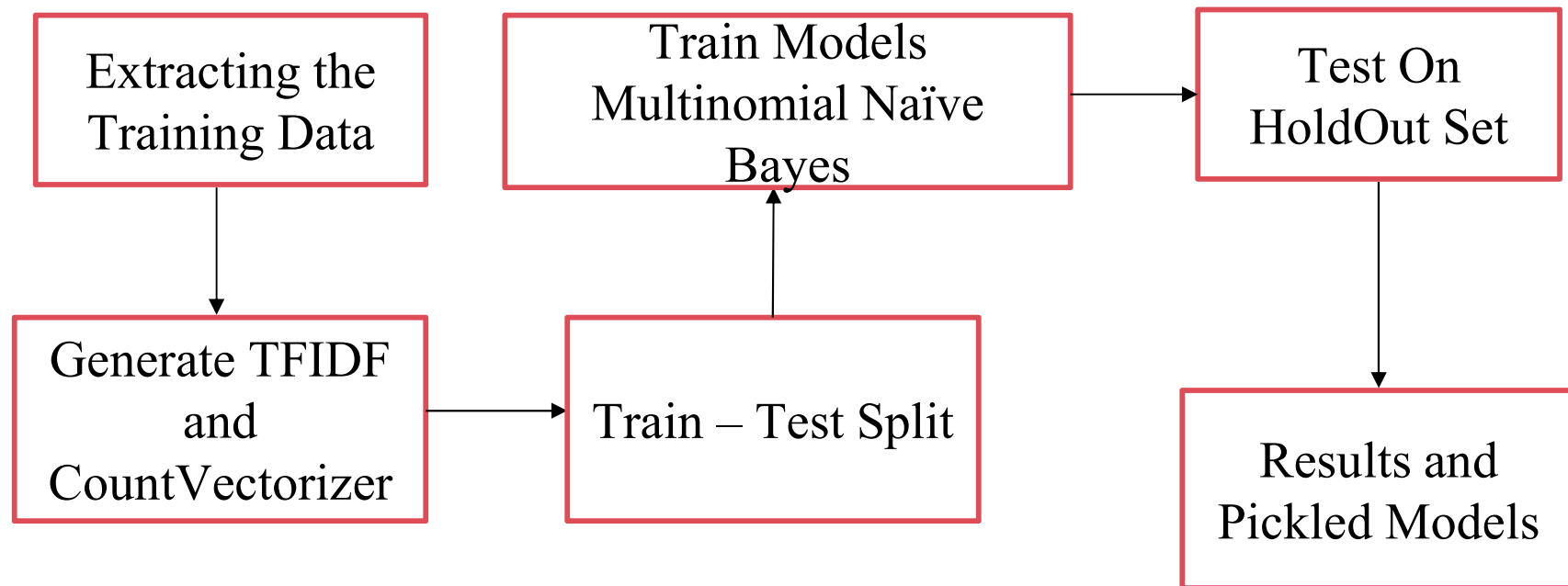
CRIME ANALYSIS – KNN ALGORITHM



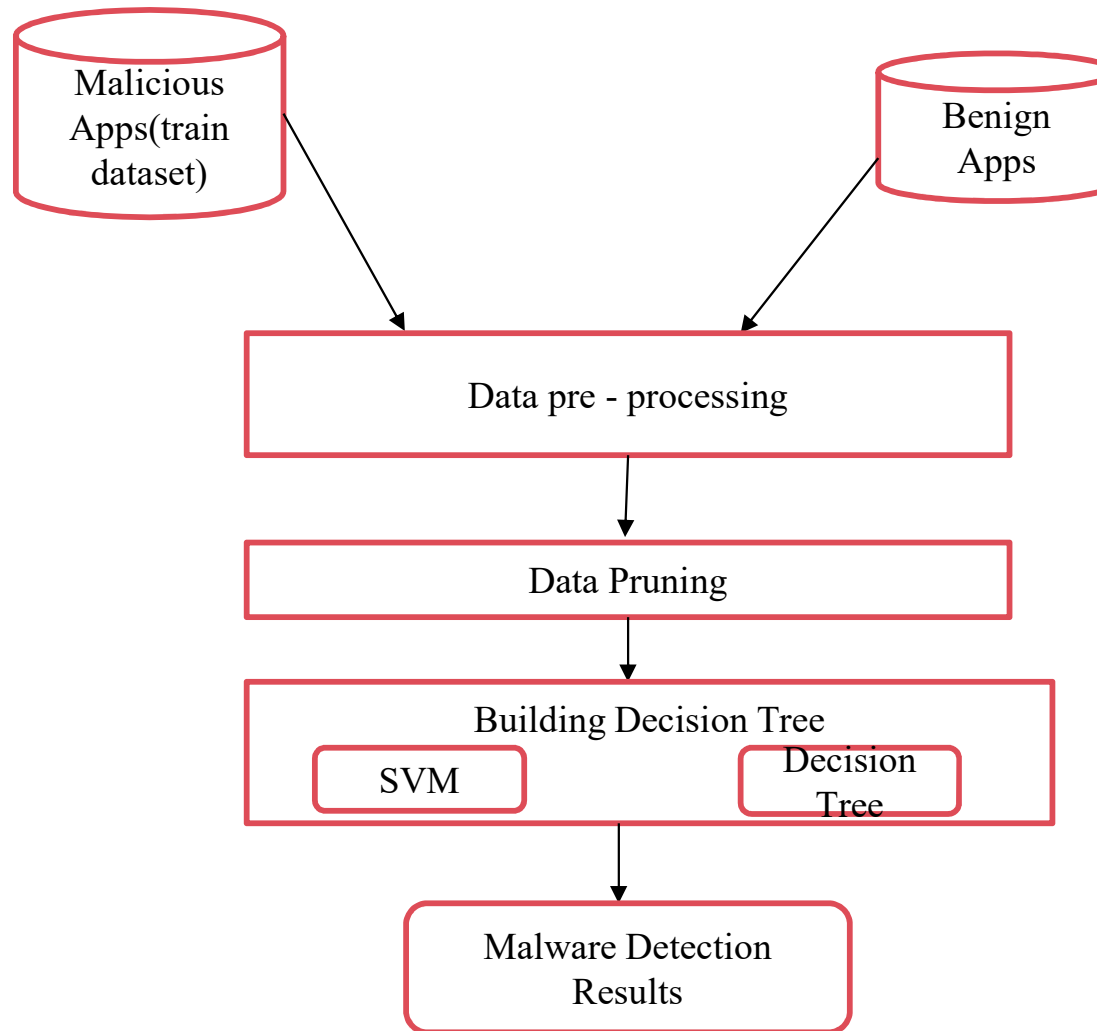
Pantech e Learning
DIGITAL LEARNING SIMPLIFIED



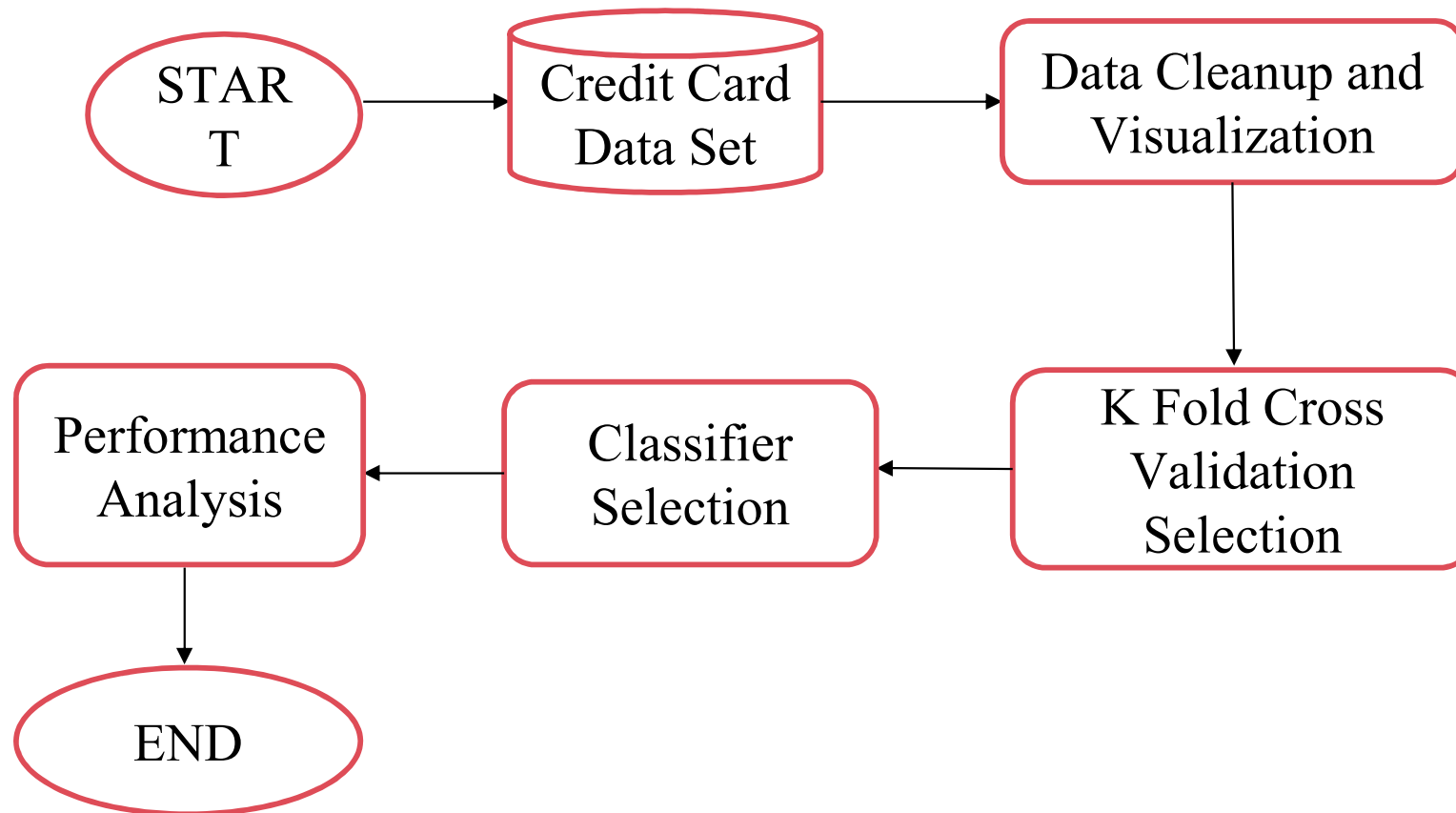
FAKE NEWS DETECTION



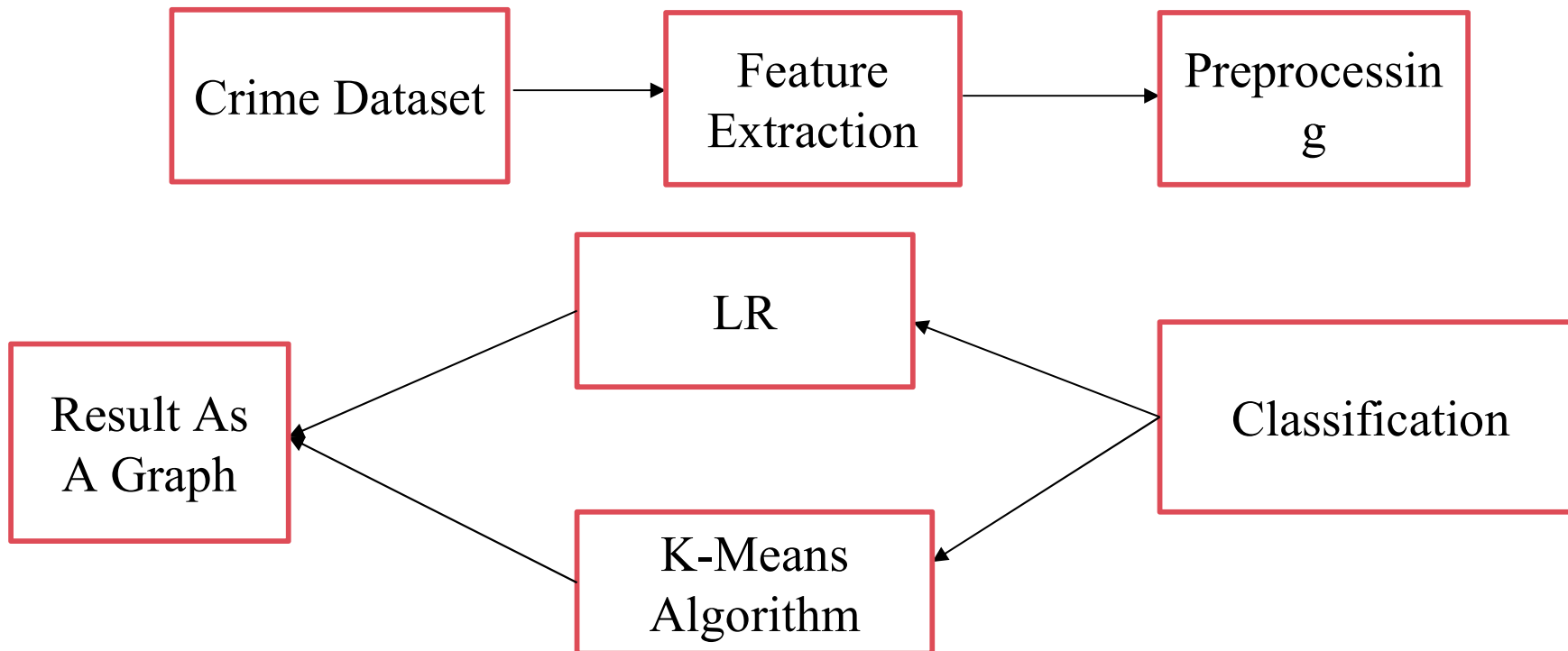
ANDROID MALWARE



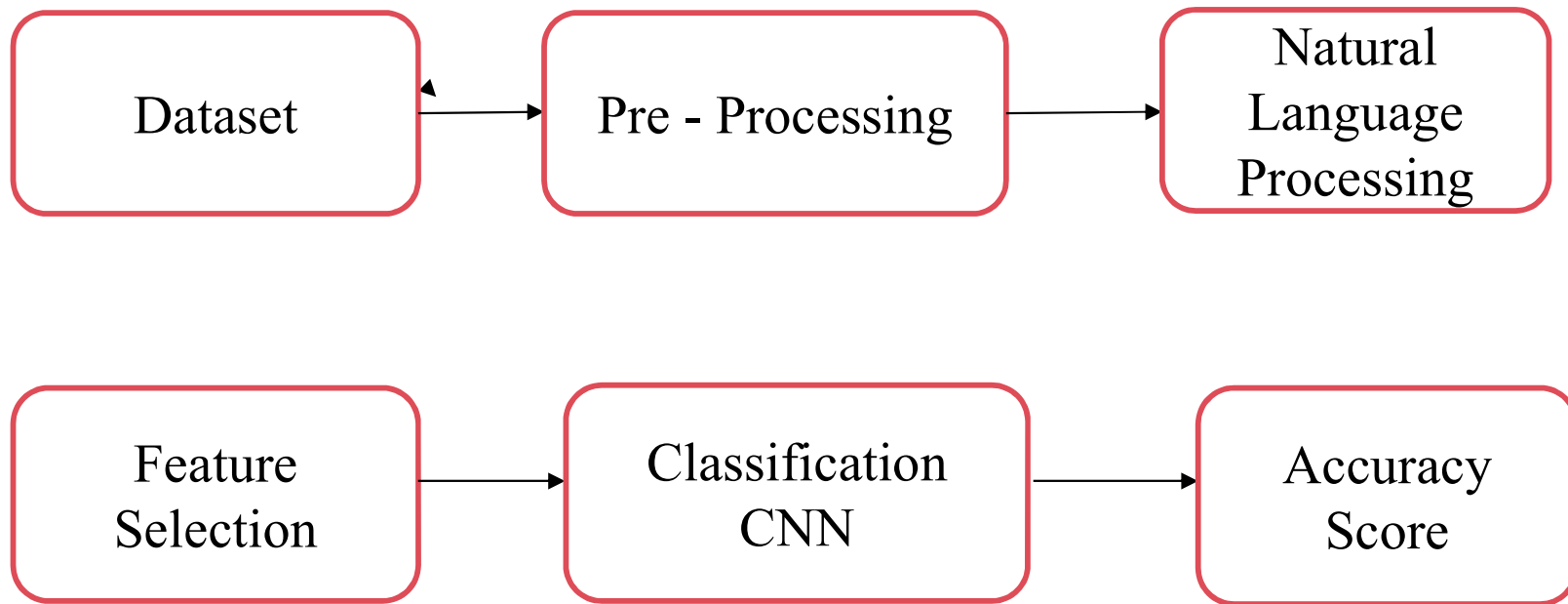
CREDIT CARD FRAUD DETECTION



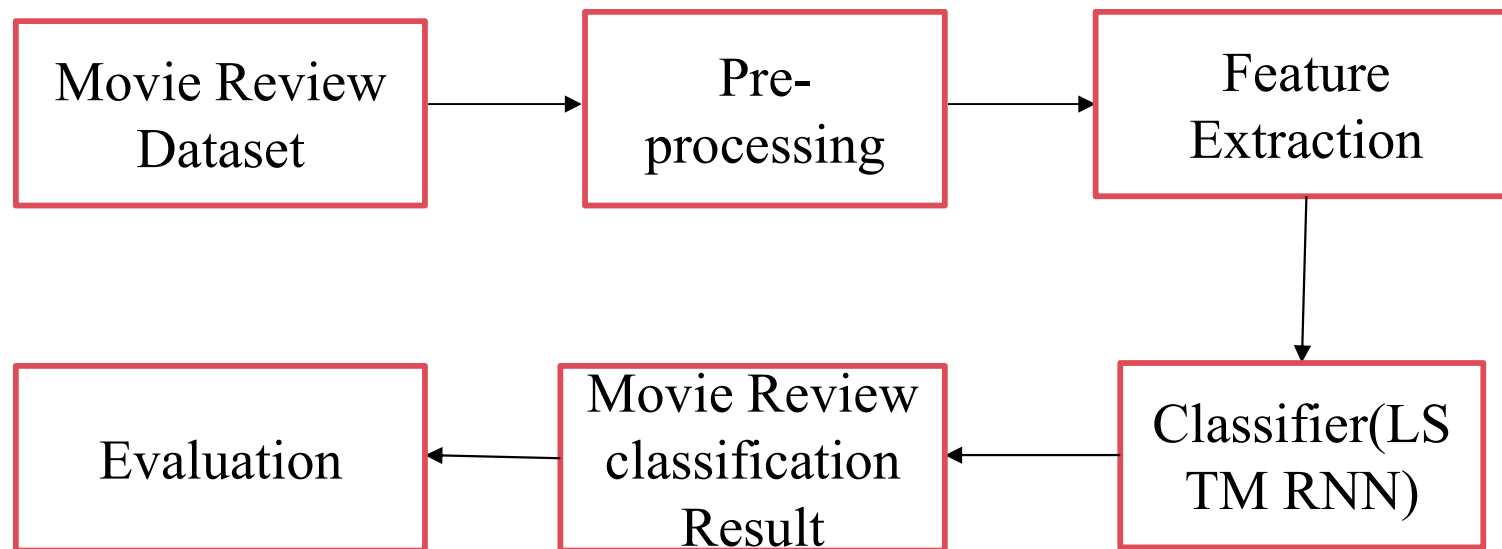
CRIME ANALYSIS USING K-MEANS CLUSTERING



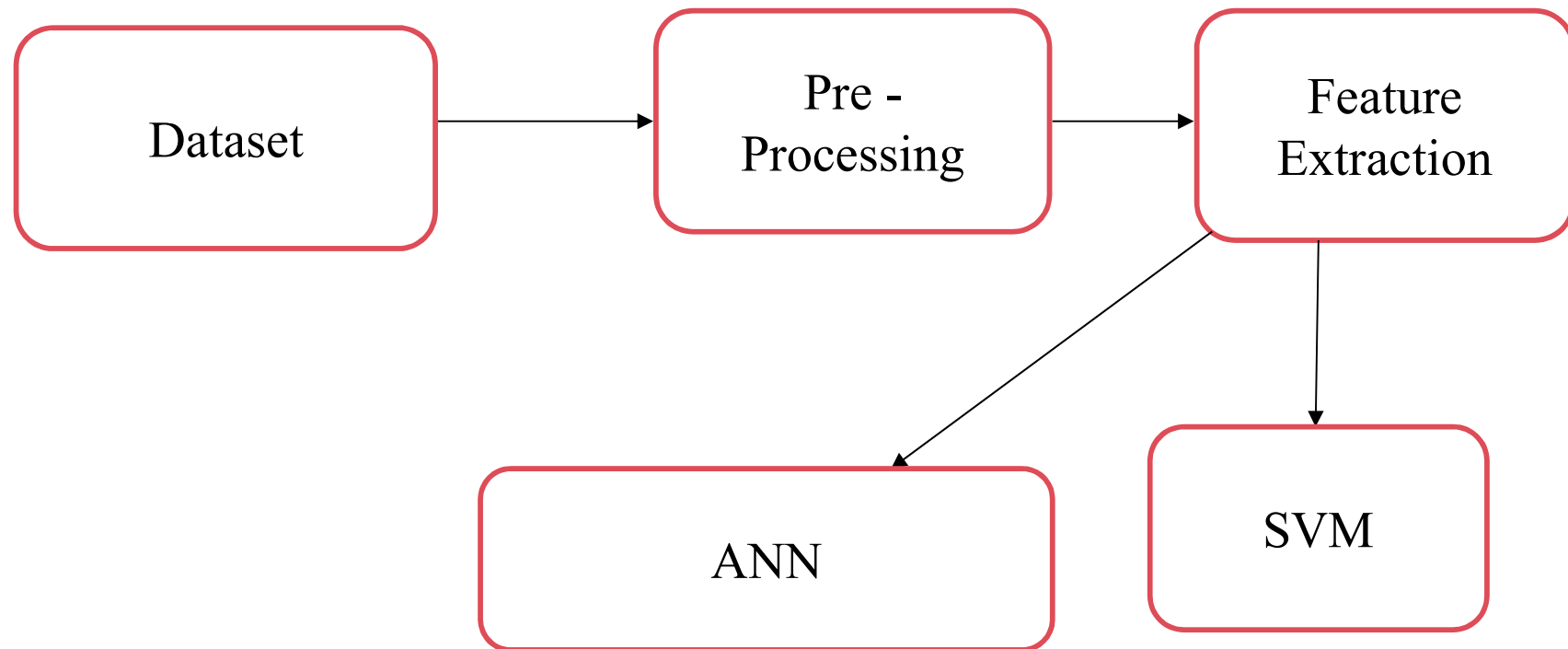
HATE SPEECH DETECTION



MOVIE REVIEW CLASSIFICATION

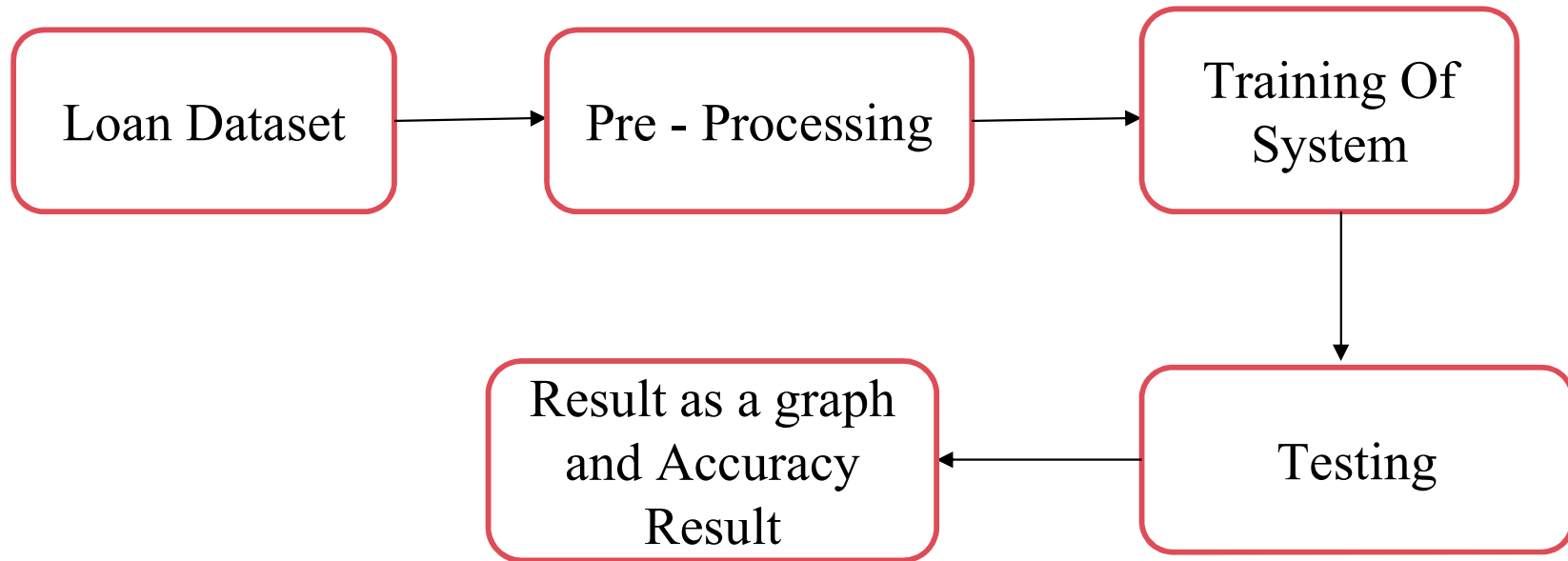


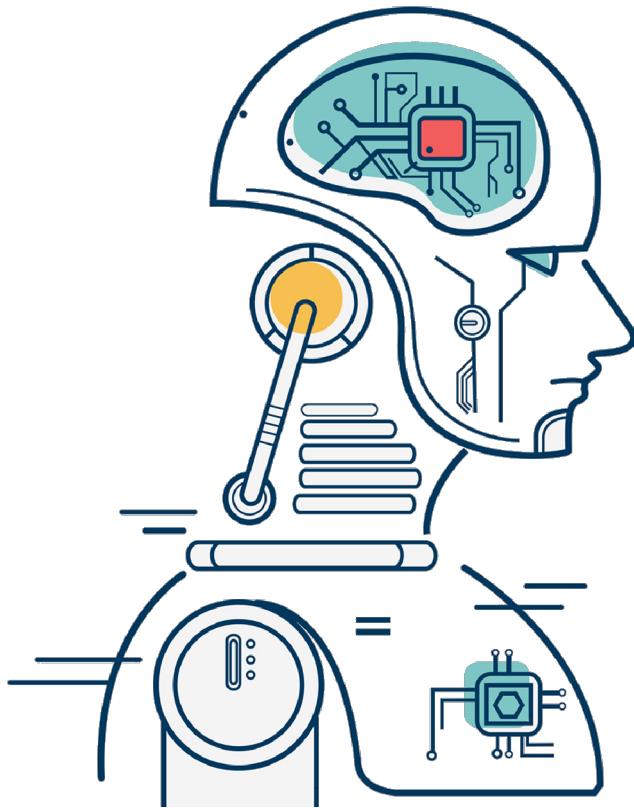
PREDICTION OF GROUNDWATER LEVEL BASED ON MACHINE LEARNING





LOAN APPROVAL PREDICTION BASED ON MACHINE LEARNING APPROACHES





HAPPY LEARNING

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