

Date	16/11/2022
Team ID	PNT2022TMID06027
Project	Machine Learning based Vehicle Performance Analyzer

Supervised and unsupervised learning:

The video player shows a thumbnail for a video titled "Applications of Supervised Learning". The thumbnail features a robot character and a diagram. A thought bubble from the robot says "Areas where Supervised Learning is used". The diagram shows "Supervised Learning" at the top, branching into "Risk Assessment", "Fraud Detection", and "Image Classification".

Supervised and Unsupervised Learning In M...

Applications of Supervised Learning

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Areas where Supervised Learning is used

Risk Assessment

Fraud Detection

Image Classification

Supervised Learning

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5:03 / 9:40 • Applications of Supervised Learning

YouTube

Regression Classification and Clustering :

The video player shows a thumbnail for a video titled "Linear Regression". The thumbnail features a presenter and a list of terms. The terms are: "Fitting a linear function", "Height $\approx \beta_0 + \beta_1 \times \text{Weight}$ ", "Predictor: Weight", "Response: Height", and "Coefficients: β_0, β_1 ".

DataCamp 138K subscribers

Introduction to Machine Learning

Linear Regression

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Fitting a **linear** function

Height $\approx \beta_0 + \beta_1 \times \text{Weight}$

- Predictor: Weight
- Response: Height
- Coefficients: β_0, β_1

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3:33 / 6:39 • Linear Regression

YouTube

Flask :

Python Flask Tutorial For Beginners | Flask ...

url_for() function is used for dynamically building a URL for a specific function

```
from flask import Flask, redirect, url_for
app = Flask(__name__)

@app.route('/admin')
def hello_admin():
    return 'Hello Admin'

@app.route('/guest/guest')
def hello_guest(guest):
    return 'Hello %s as Guest' % guest

@app.route('/user/<name>')
def hello_user(name):
    if name == 'admin':
        return redirect(url_for('hello_admin'))
    else:
        return redirect(url_for('hello_guest', guest = name))

if __name__ == '__main__':
    app.run(debug = True)
```

MORE VIDEOS

16:20 / 35:50 • Flask - URL Building

Python Certification Training

YouTube

www.edureka.co/python

Random Forest:

How does a Random Forest work?

TREE 1

IS DIAMETER > 3

FALSE

TRUE

IS COLOR ORANGE?

FALSE

TRUE

ORANGE

TREE 2

IS COLOR = RED

TRUE

FALSE

IS SHAPE == CIRCLE?

FALSE

TRUE

CHERRY

TREE 3

IS DIAMETER = 1

TRUE

FALSE

GROWS IN SUMMER?

FALSE

TRUE

MORE VIDEOS

17:00 / 45:34 • How does the Random Forest

YouTube