

SNS COLLEGE OF TECHNOLOGY

Indian

Design Thinking

FrameWork

Coimbatore - 35

23BAT613 – Artificial Intelligence for Managers

Unit II – Unboxing ML & Its Applications



Presented by

Ms.S.D.Shamini **Design Thinker**

Redesigning Common Mind & Business Towards Excellence



Sri SNS Charitable Trust *SILVER JUBILEE

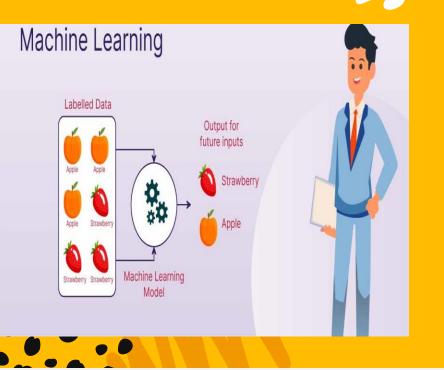
Build an Entrepreneurial Mindset through our Design Thinking FrameWork





Guess the Topic!!!

Supervised Learning



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Recap

Reason to study Supervised
 Learning
 Supervised Learning







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Discussion about....



Reason to study Supervised Learning Supervised Learning >Supervised Learning Algorithms >Supervised Learning -Classification Supervised Learning – Regression >Application of Supervised Learning



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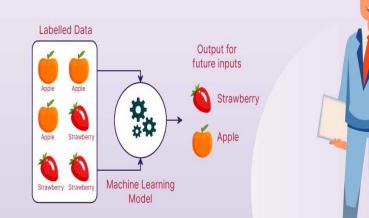
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Reason to study Supervised Learning



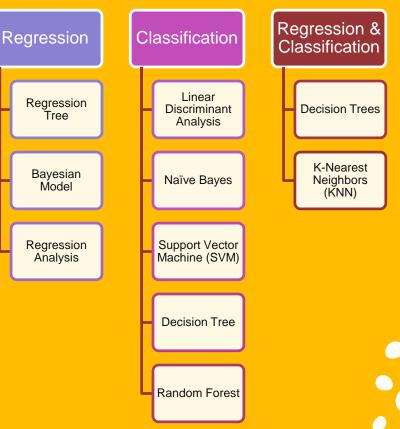


Supervised Machine Learning



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Supervised Learning Algorithms





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Supervised Learning - Classification



Decision Tree

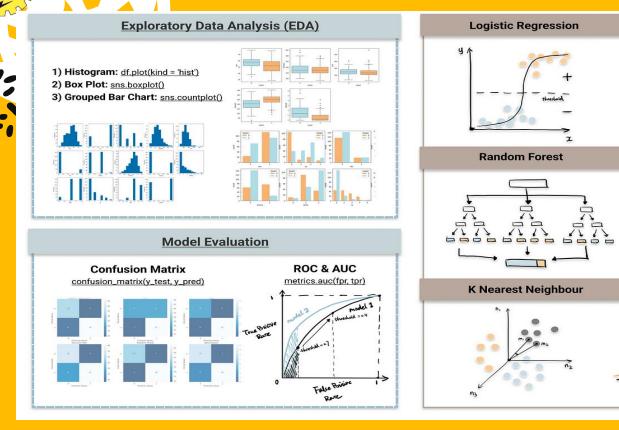
Support Vector Machine

Naive Bayes

PLEIH). P(H)

PE

P(HIE)=

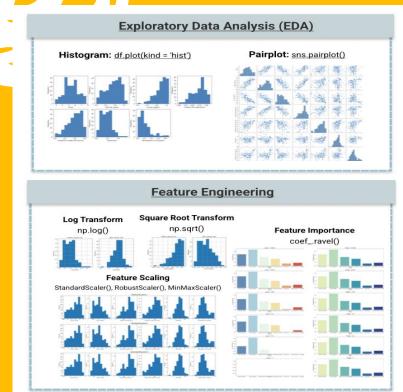


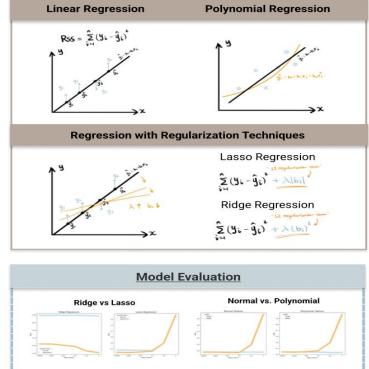


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Supervised Learning - Regression

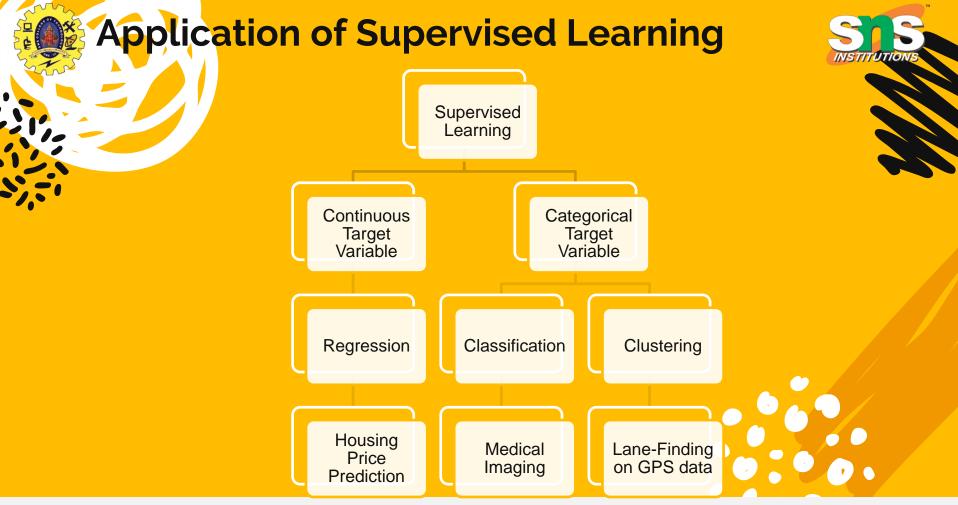






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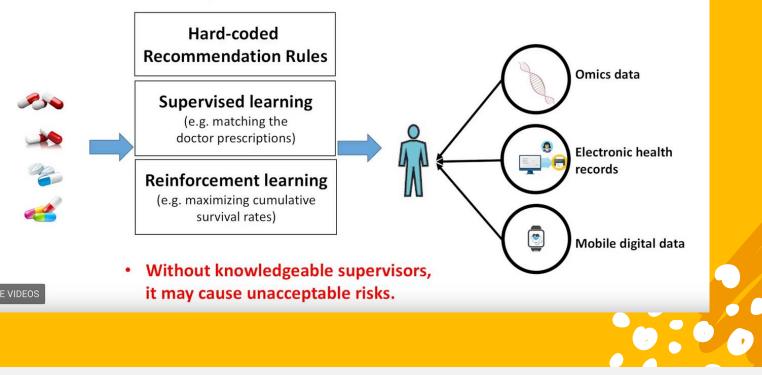
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Supervised Learning Application

SINSTITUTIONS

A Long History of Treatment Recommendation



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Knowledge Check

- What is the primary characteristic of supervised learning?
- A) Learning from labeled data
- B) Learning without any guidance
- C) Learning from unstructured data
- C D) Learning from feedback only
- X Answer: Learning from labeled data







Summary

Reason to study Supervised Learning
Supervised Learning
Supervised Learning Algorithms
Supervised Learning – Classification
Supervised Learning – Regression
Application of Supervised Learning



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References

<u>https://stl.tech/blog/introduction-to-machine-learning-and-its-applications/</u>

><u>https://www.geeksforgeeks.org/types-of-machine-learning/</u>



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