O Machine Learning

The machine learning is those subsided AI that examples comparion subme to anhandically learned improve thom superiors contract being explicitly Programmed It involves abundancy algorithms that an idealish patterns in aloto, make decisions, and adopt over the exits or involved instruention

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O Madoine Lanning techniques:

· Classification Productes dose or category of a rose.
Regression / salimention Productes continue volve

: Circlesing anonte simples ofold

Association hads idense or every that concer

bienne per varda example corps popular por seros.

· Sequence mining Redids mead evad

· Dimensian reduction reduce size of dola . Decommondation ayatoms associate people's

Preferences

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Optimisionitalo.

deboon JH enterandami. more pringery. Camples: 10 acres do 1 10 20 al. · Parada: Dala maripulation and and asserts Scikil-learn: Supervised and Unsupervised Learning algorithms for linear poly of our as a section collection and.

o Commonly Used Language in ML Mondo. ·Python ·Julia condition of the ·Scalq DOING. · JavaScrip · Data Processing and analytics The south moon of spaneted. ·Hadoop · Spark TODAY -1. . Apadosa katk ODala vieralization: · Malphollib The contract of the contract of · Seeborn . 99 bla 2 Tableag · Machina learning: A. Murapy · Randes ·Scipy Scilkit learn · Deep learning: · Tereson Flow Thears ·PyTorch

· Comparat visions! · Obas CA · sakil-imago Touchvision ONLP : - NLTK · TextBlob · Stanza · Generative AI Hardeing foce transformation * Cool GPT · DALC-E · PyTorch @ Machine Couning Ecosystems. OMI Ecosystem Islamanded tools, homeconks, howies, Plantform, and processes · Supports developing, deploying, and managing ML models

· Free ML Library for pathon · Closerfications, regressions, clustering and dimensionality reductions abandman · Designed to about with Numby and · Exacelleral documentations and combunity · Constantly evaluing
· Machine learning Pipeline tooks
3. Model selup toning with Gos-volidation 5 Rodiction
2. Trais or led Implemented in 8. Euduation
Data preparesons 1. Data prep
@ Module 2
- Linear Ragnession
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Types of regression. Simple regression (Simple linear, Simple Monlinear, Hultiple Monlinear, Hultiple Monlinear, Hultiple Monlinear,