

Machine Learning (Six Weeks)

#CodingMtlbVMM

VMM
EDUCATION

Best Place to Learn Coding

Online & Offline Classes

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JUPYTER NOTEBOOK

- *Introduction to Jupyter Notebook Installation of anaconda and Jupyter notebook*
- *How to use Jupyter Notebook and there shortcut keys*

NUMPY

- 1. Introduction to Numpy
- 2. Installation of Numpy
- 3. Array , 1D Array , 2D Array , 3D Array
- 4. Numpy build in functions
- 5. Performing Mathematical operations , slicing operations generating random sampling.

PANDAS

- *Installing and understanding Pandas*
- *Series , Series objects*
- *Working with Attributes , methods extracting series values using get method*
- *Working with Data frames , select , add , broadcast . sort , using conditions merging .concatenation*
- *working with dates*
- *importing data from CSV ,JSON*
- *Working on world population data .*

MATPLOTLIB

- *Introduction to Matplotlib*
- *Line Graph , Histogram , PIE chart , Bar Plot, Scatter Plot , Subplotting Displot , joint plot , pairplot*

OPENCV & FACE DETECTION

- *Reading Images & videos from webcams*
- *Basic Function*
- *Resizing & Cropping*
- *Shapes and text*
- *Join Images*
- *Colour Detection*
- *Shape Detection*
- *Face Detection*
- *Text Recognition*

MACHINE LEARNING IN ACTION

- *1. Introduction to Machine Learning*
- *2. Linear Regression*
- *3. Creating Recommendation systems*



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