

ISE CERTIFICATION COURSE DETAILS

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SEMESTER:	8	MENTOR:	Mr. SUDHARSHAN K
COURSE NAME:	Deep learning with keras and tensorflow in python and R	DATE:	22/05/2020

Number of Hidden Layers

- For most problems single layer is sufficient
- But going deeper increases parameter efficiency
- Transfer Learning

Start-Tech Academy

BRIEF REPORT: (POINT-WISE)

- 1). R-regression problem and functional API which includes building regression model and complex architecture using functional API and next saving python and R saving and restoring model
- 2). Python and R-Hyperparameter tuning it includes flexibility and drawbacks of ANN. Next section is data preprocessing which involves gathering data knowledge, data exploration, importing data in python and R, EDD in python and R
- 3). Next section is train test split which involves finding error, dividing previous data into training set and test set, bias variance trade off, test train split in python and R