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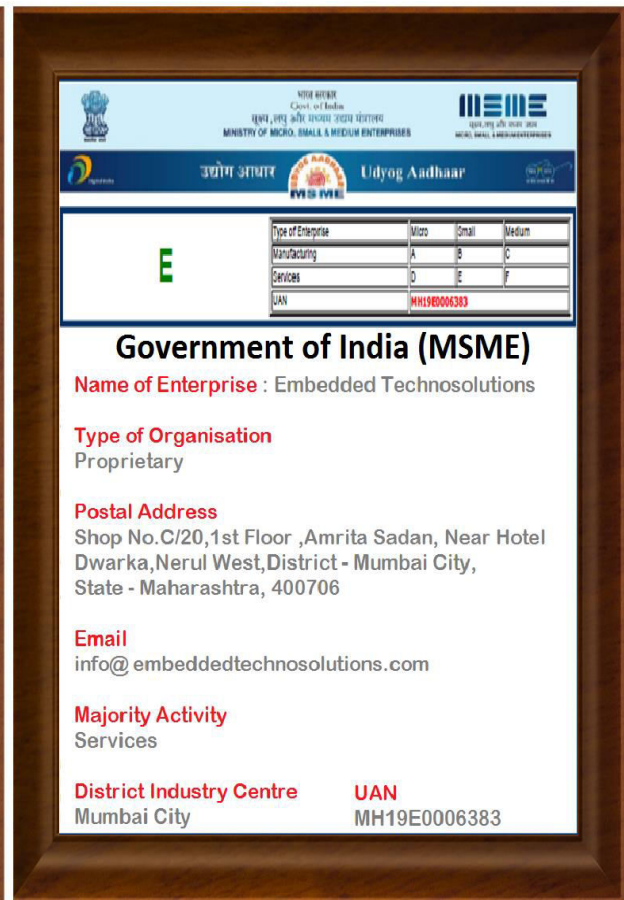
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Embedded Technosolutions is a Professional & Corporate Training Institute & a Company which Working for Indian MNCs & Medium/Small Scale Industries in Product R&D, Development, Manufacturing & Customization.

Our training sessions are purely practical based on industrial standards



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Till Now We Worked for the following Industries

- Crompton Greaves Ltd, Mumbai
- Laboratory Corporation of America, LabCorp, Burlington, NC USA
- Netfinity, India
- Continental Grain Corporation
- Brook Furniture Rental, Chicago, IL
- ITA, Bangalore
- RAK Ceramics, Mumbai
- Nvidia, Pune
- ARORA, Mumbai
- RED Cell, Mumbai
- Secutech, Mumbai



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Chapter 1 - Data Preprocessing

- Python and Data preprocessing (Crash Course - Self paced)
- Python Fundamentals
- Numpy
- Pandas
- Data Visualization
- Scikit Learn

Chapter 2 - Machine Learning

- Regression
- Simple Linear Regression
- Multiple Linear Regression
- Bias-Variance trade-off
- Classification
- Logistic Regression



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- K-Nearest Neighbors (K-NN)
 - SVM
 - Decision Trees
 - Random Forest

Chapter 3 - Clustering

- K-means
- Hierarchical
- DBSCAN

Chapter 4 - Natural Language Processing

- Natural Language Processing
- NLTK
- NLP with NLTK
- NLTK extensions and exploration

Chapter 5 - Sentiment Analyzer

- Description of Sentiment Analyzer
- Preprocessing: Tokenization
- Preprocessing: Tokens to Vectors



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- Sentiment Analysis using Logistic Regression
- Sentiment Lexicons
- Regular Expressions
- Twitter Sentiment Analysis
- Twitter Sentiment Analysis - Regular Expressions
- Twitter Sentiment Analysis - KNN, Decision trees, Random forests and Sentiwordnet

Chapter 6 - Latent Semantic Analysis

- Intro to Latent Semantic Analysis
- PCA and SVD - The underlying math behind LSA
- Latent Semantic Analysis in Python
- Advanced LSA

Chapter 7 - Tensor flow and Neural Networks

- Tensor flow
- Introducing TF
- Computation Graph
- Tensors
- Placeholders and Variables



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- Neural Networks
- Perceptron
- Activation Functions
- Cost Functions
- Gradient Descent Backpropagation

Chapter 8 - Artificial Neural Networks

- Regression in TF
- Regression in TF and NN using Estimator
- Regression in TF and NN using Keras
- Classification in TF
- Classification in TF and NN using Estimator
- Classification in TF and NN using Keras