

ISE CERTIFICATION COURSE DETAILS

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COURSE NAME:	Support Vector Machines In Python	DATE:	20/5/2020

SCREENSHOT:

```

In [20]: x = "R"

In [21]: print("st {} tutorial".format(x))
          st {} tutorial
          -----
          Traceback (most recent call last)
          <ipython-input-21-040d5de12b8a> in <module>
          ----> 1 print("st {} tutorial".format(x))

          AttributeError: 'NoneType' object has no attribute 'format'

In [24]: print("st {} tutorial".format(x))
          st SQL tutorial

In [23]: x = "SQL"

In [ ]: pr
  
```

BRIEF REPORT: (POINT-WISE)

- 1). Support Vector Machine is a supervised machine learning algorithm capable of performing classification, regression and even outlier detection. Support Vector Machine is a discriminative classifier that is formally designed by a separative hyperplane.
- 2). The support vector machine algorithms make use of training data to segregate different types of documents and files into different categories.
- 3). The business applications of SVM are face detection, text categorization, bioinformatics, image classification, generalized predictive control, handwriting recognition etc.
- 4). Support vector machines are used to make predictions and learn the model's hyperparameters and evaluate its performance.