

## ISE CERTIFICATION COURSE DETAILS

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COURSE NAME:	Machine learning for beginners-regression analysis using python	DATE:	25/5/2020

### SCREENSHOT:

The screenshot shows a Jupyter Notebook running in a web browser. The browser tabs include 'Google', 'Home', 'Lecture 2', and 'Lecture 1'. The address bar shows 'localhost:8888/notebooks/Lecture%202.ipynb'. The Jupyter interface includes a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help) and a toolbar with icons for file operations and execution. The notebook content shows the following code cells:

```

Out[8]: (2, 2)

In [9]: Mat1.dtype
Out[9]: dtype('int32')

In [10]: Mat1[0,0] = 5
In [11]: Mat1
Out[11]: array([[5, 2],
               [3, 4]])

In [12]: Mat1[0,0] = "String"
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ValueError                                Traceback (most recent call last)
<ipython-input-12-e34df238f1eb> in <module>
----> 1 Mat1[0,0] = "String"

ValueError: invalid literal for int() with base 10: 'String'

```

The error message indicates a 'ValueError: invalid literal for int() with base 10: 'String'', which occurs because the code attempts to assign a string value to a matrix element that is expected to be an integer.

### BRIEF REPORT: (POINT-WISE)

- 1). In this course we try to analyze and identify a business problem which can be solved using linear regression technique of machine learning.
- 2). We learn how to create a linear regression model in python and study and analyze its result.
- 3). Apply machine learning in real world problems of business and provides a solid base for for it by teaching most popular technique of machine learning.