

ISE CERTIFICATION COURSE DETAILS

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COURSE NAME:	Machine learning for beginners-regression analysis using python	DATE:	26/5/2020

SCREENSHOT:

The screenshot shows an Excel spreadsheet titled 'House Price' with a data table. The table has 17 columns: price, crime rate, resid area, air qual, room num, age, dist1, dist2, dist3, dist4, teachers, poor prop, airport, n hos beds, n hot rooms, waterbody, and rainfall. The data is organized into rows, with the first row (row 5) showing a price of 24 and a crime rate of 0.00632. The table is filtered to show rows 5 through 29. The status bar at the bottom indicates 'Ready' and 'House Price'.

BRIEF REPORT: (POINT-WISE)

- 1). Before running an analysis, it is important that we have the right data and do some pre-processing on it. After running analysis we should be able to judge how good the model is and interpret the results.
- 2). In this course we try to analyze and identify a business problem which can be solved using linear regression technique of machine learning. 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.
- 4). The interpreted results should be able to be used for business analysis.