

DAILY ONLINE ACTIVITIES SUMMARY

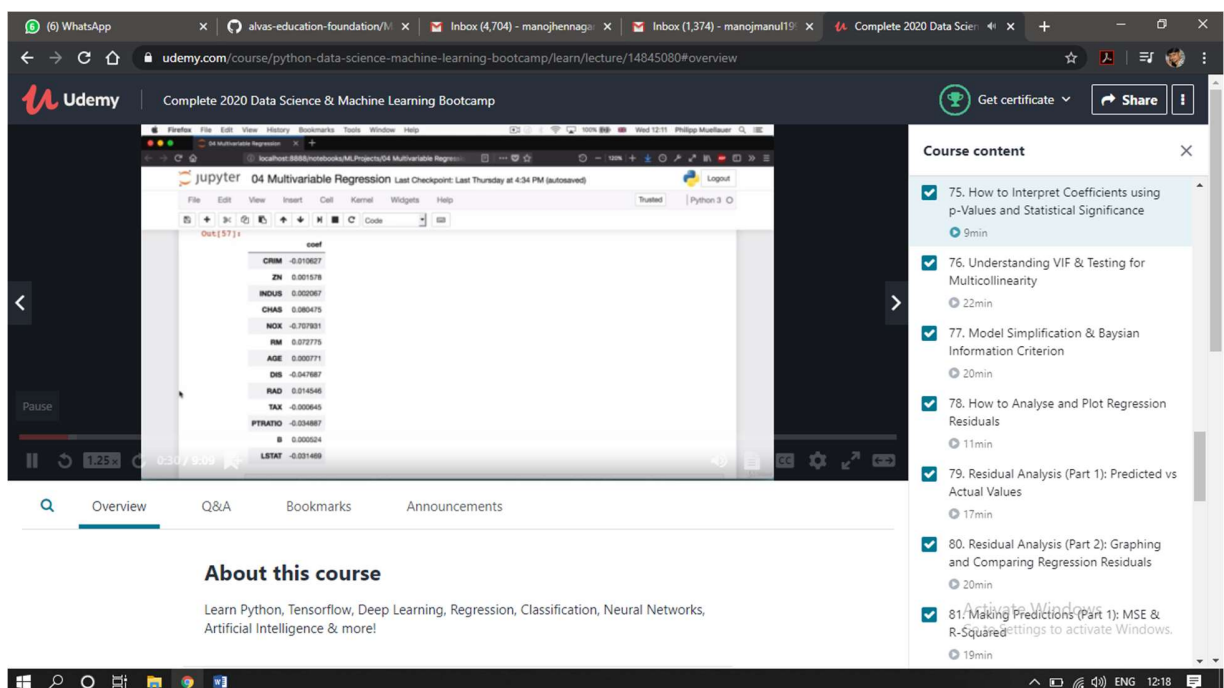
Date:	31/5/2020	Name:	Manoj L
Sem & Sec	8 th Sem	USN:	4AL16CS125
Online Test Summary			
Subject	IOT		
Max. Marks	20	Score	19
Certification Course Summary			
Course	Data science and Machine Learning Bootcamp		
Certificate Provider	Udemy	Duration	43 hrs
Coding Challenges			
Problem Statement: 1. Write a c program to sort an array of integers in ascending or descending order and display the sorted array and number of passes performed for sorting.			
Status:COMPLETED			
Uploaded the report in Github		yes	
If yes Repository name		Manoj_L	
Uploaded the report in slack		yes	

Online Test Details: (Attach the snapshot and briefly write the report for the same)



The image shows an email notification from TechGig. At the top, the TechGig logo is displayed. The email is addressed to 'Hi Manoj L,' and states 'You have scored 19 marks in MCQ.' Below this is a red button labeled 'See Assessment'. A section titled 'About The Assessment' includes a placeholder image and the text 'IoT IA3' and 'Round 1 ends on: 31 May, 2020 (5 Minutes)'. The email concludes with 'Warm Regards, TechGig Team'. On the right side, there is a partially visible 'Activate' button and a 'Go to S' link.

Certification Course Details: (Attach the snapshot and briefly write the report for the same)



The image is a screenshot of a Udemy course page for 'Complete 2020 Data Science & Machine Learning Bootcamp'. The browser's address bar shows the URL 'udemy.com/course/python-data-science-machine-learning-bootcamp/learn/lecture/14845080#overview'. The course title is 'Complete 2020 Data Science & Machine Learning Bootcamp'. Below the title, there is a video player showing a Jupyter Notebook titled '04 Multivariable Regression'. The notebook output displays a table of coefficients for various features. To the right of the video player is a 'Course content' sidebar listing 81 lessons, each with a checkmark icon and a duration. The lessons cover topics like interpreting coefficients, VIF testing, model simplification, residual analysis, and making predictions. The 'About this course' section at the bottom states: 'Learn Python, Tensorflow, Deep Learning, Regression, Classification, Neural Networks, Artificial Intelligence & more!'. The Windows taskbar at the bottom shows the time as 12:18.

	coef
CRIM	-0.010827
ZN	0.001578
INDUS	0.002067
CHAS	0.080475
NOX	-0.707931
RM	0.072775
AGE	0.000771
DIS	-0.047887
RAD	0.014348
TAX	-0.000845
PTRATIO	-0.034867
B	0.000524
LSTAT	-0.031469

- 75. How to Interpret Coefficients using p-Values and Statistical Significance (9min)
- 76. Understanding VIF & Testing for Multicollinearity (22min)
- 77. Model Simplification & Bayesian Information Criterion (20min)
- 78. How to Analyse and Plot Regression Residuals (11min)
- 79. Residual Analysis (Part 1): Predicted vs Actual Values (17min)
- 80. Residual Analysis (Part 2): Graphing and Comparing Regression Residuals (20min)
- 81. Making Predictions (Part 1): MSE & R-Squared (19min)