

DAILY ASSESSMENT FORMAT

Date:	21/05/2020	Name:	V K MOKSHA
Course:	TCS ion	USN:	4AL16EC086
Topic:	Learn Corporate Telephone Etiquette Understand accounting fundamentals Gain foundational skill in IT	Semester & Section:	8 B
Github Repository:	Moksha-V-K		

FORENOON SESSION DETAILS

Image of session

Total Marks	Pass Marks	Attempts Taken	Duration	Start Time	View Assessment Analysis	Already cleared assessment.
10.0	4.0	01	10 Mins	19 May 2020 12:00 AM TO 18 Jul 2020 12:00 AM	At the End of Assessment	

My Attempts

Attempted On	Attempted Duration (Submission Time)	Marks Obtained	Status	Action
21 May 2020 08:10 AM	0:28:58 Hrs(08:39 AM)	7.0/10.0	Pass	View Result

Report:

Session 1

Learn Corporate Telephone Etiquette

Business Phone Etiquette Do's:

- Introduce yourself. Even in the age of caller ID, it can be jarring to pick up the phone and jump right into a conversation. Remind the person you're calling who you are and why you're reaching out. They will appreciate the courtesy even if they recognized your name and number when they picked up.
- Speak clearly. Enunciation is so important when you don't have body language cues to pick up on. Be sure to speak carefully and slowly so that the person on the other end of the line can understand you.
- Listen to requests. When you're busy multitasking, it can be hard to focus on the requirements of the person on the phone. Set other tasks aside as you actively listen to requests from the caller. Ask follow-up questions for clarification and to show that you're engaged in the conversation.

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Session 2

Understand Accounting Fundamentals

Reading & Understanding the Balance Sheet

Reading & Understanding the Income Statement and Cash Flow

- Understand the different ways to present an income statement and cash flow statement.
- Read and interpret the various items in a published income statement.
- Identify the operating, financing, and investing activities of a company.
- Determine what is contained in an annual report and where to find it.
- Navigate successfully through the notes to the financial statements.
- Read and interpret the various items in a published balance sheet.
- Understand complex balance sheet concepts (e.g. deferred taxes, goodwill, investments, etc.)

Session 3

Gain Foundational Skills in IT

- Understand the functionalities of the Operating systems such as Memory Management, Process Management, File System Management, Device Management.
- Enhance problem solving skills
- Understand Algorithm Design Techniques
- Understand Code Optimization Technique
- E-R Modeling and Normalization
- Work with advanced SQL such as Joins, Sub queries, etc.
- Understand implementation Models of SDLC
- Understand OSI Model and Network Topologies
- Improve Office Etiquette, E-mail and Telephone Etiquette
- Manage time at work using Time Management
- Work in Teams with assertiveness and resolving conflicts
- Understand Project Management Processes
- Create the Work breakdown structure
- Develop Project Schedule and Cost Estimate
- Monitor and Control risks in projects

Date: 21/5/2020
Course: Python
Topic: Data analysis with Pandas

Name: V K MOKSHA
USN: 4al16ec086
Semester & Section: 8 b

AFTERNOON SESSION DETAILS

The screenshot shows a web browser window displaying the UDEMY course page for 'The Python Mega Course: Build 10 Real World Applications'. The course is by Halley from UDEMY. The main video player shows the pandas logo and a data frame with columns: Number, Color, Weight. The data frame contains 10 rows of data. The course content list on the right shows 103 lectures, including 'What is Pandas?', 'Installing Pandas', 'Getting Started with Pandas', 'Getting Started with Jupyter Notebooks', 'Loading CSV Files', 'Exercise: Loading JSON Files', and 'Solution'. The 'About this course' section states: 'A complete Python course for both beginners and intermediates! Master Python 3 by making 10 amazing Python apps.' The Windows taskbar at the bottom shows the search bar and various application icons.

Udemy | The Python Mega Course: Build 10 Real World Applications

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pandas

Number	Color	Weight
1232332	Blue	23991
14124132	Red	88779
877788	Magenta	7377
873788	Yellow	99880
788770	Blue	38889
878889	Magenta	98778

Overview | Q&A | Bookmarks | Announcements

About this course

A complete Python course for both beginners and intermediates! Master Python 3 by making 10 amazing Python apps.

Course content

- ☐ 103. What is Pandas? 3min
- ☐ 104. Installing Pandas 1min
- ☐ 105. Getting Started with Pandas 9min
- ☐ 106. Getting Started with Jupyter Notebooks 9min
- ☐ 107. Loading CSV Files 4min
- ☐ 108. Exercise: Loading JSON Files 1min
- ☐ 109. Solution 1min

Halley from UDEMY

Do you need to train more than 20 employees?
Set your employees up for success with Udem...
Go to Settings to activate Windows.

1:14 PM 5/21/2020

The screenshot shows a web browser window with multiple tabs. The active tab is 'The Python Mega Course: Build 10 Real World Applications' on UDEMY. The URL is 'udemy.com/course/the-python-mega-course/learn/lecture/7828164#overview'. The page title is 'Installing Pandas'. The main content area says 'Make sure you have pandas installed. You can install it with pip:' followed by two code blocks: 'pip install pandas' and 'pip3 install pandas'. On the right, there is a 'Course content' sidebar with a list of lectures: 104. Installing Pandas (1min), 105. Getting Started with Pandas (9min), 106. Getting Started with Jupyter Notebooks (9min), 107. Loading CSV Files (4min), 108. Exercise: Loading JSON Files (1min), 109. Solution (1min), and 110. Note on Loading Excel Files. Below the sidebar, there is a notification from 'Hailey from UDEMY' asking to activate Windows. At the bottom, there is a Windows taskbar with various application icons and a search bar.

REPORT:

Pandas is a Python library that provides extensive means for data analysis. Data scientists often work with data stored in table formats like .csv, .tsv, or .xlsx.

Pandas makes it very convenient to load, process, and analyze such tabular data using SQL-like queries. In conjunction with Matplotlib and Seaborn, Pandas provides a wide range of opportunities for visual analysis of tabular data.

The main data structures in Pandas are implemented with Series and DataFrame classes. The former is a one-dimensional indexed array of some fixed data type.

The latter is a two-dimensional data structure - a table - where each column contains data of the same type. You can see it as a dictionary of Series instances.

DataFrames are great for representing real data: rows correspond to instances (examples, observations, etc.), and columns correspond to features of these instances.

```
import numpy as np
import pandas as pd
pd.set_option("display.precision", 2)
```

Sorting

A DataFrame can be sorted by the value of one of the variables (i.e columns). For example, we can sort by *Total day charge* (use `ascending=False` to sort in descending order):

In [11]:

```
df.sort_values(by='Total day charge', ascending=False).head()
```

Indexing and retrieving data

A DataFrame can be indexed in a few different ways.

To get a single column, you can use a `DataFrame['Name']` construction.

In [13]:

```
df['Churn'].mean()
```

