

Dashboard



Ajay Mukund S
Global Intern

- [Promotional Assignment UN SDG \(Compulsory\).](#) 1
- [Technical Assignments and Final Project \(Compulsory\).](#) 1
- [Your Internship Schedule](#) 1
- [Review Experience](#) 1
- [Certification & Recommendation](#) 0

Update

Promotional Assignment [Completion Mandatory for Certification]

DEADLINE: 25-November-2020

Assignment #1 [Submission Mandatory]

Apply for Deadline Extension

EXTENDED DEADLINE: 11-November-2020

Assignment#1:

Step1: Study the Complete Numpy and Pandas Lectures (Section 2 and 3 of intern-kit) and make a documentation in less than 500 words (Word limit is excluding the codes typed.) in a word document. A documentation can have codes, explanations and logical flowcharts.

Step2: Email the documentation to amanda@takenmind.com within the deadline date.

The subject of your Email: <Your Name> - Assignment#1
Word File Attachment Name: <YOUR NAME>-ASSIGNMENT1.DOCX

Assignment #2 [Submission Mandatory]

Apply for Deadline Extension

EXTENDED DEADLINE: 18-November-2020

Assignment#2:

Problem Statement:

Step1: Study the Complete File Operations Lectures and Data Analysis Tecniques and Manipulation Lectures (Section #4 and #5 of the Udemy Intern Kit).

1. Create a single .xlsx file with 10 sheets inside filled with dummy data.
2. Read the .xlsx file using pandas
3. Export every single sheet of the .xlsx file as a .csv file. (The Output should produce 10 .csv files that contains values of each sheet of .xlsx file respectively)

Step2: Email the following files to amanda@takenmind.com within the deadline date:

- A. Code File (.py file)
- B. Input File (.xlsx file)

The subject of your Email: <Your Name> - Assignment#2

Assignment #3 [Submission Mandatory]

Apply for Deadline Extension

DEADLINE: 19-November-2020

Assignment#3:

Step1: Study the Complete Data Visualisation Lectures (Section #6 of Udemy Study Kit).

Problem Statement:


Create a HeatMap Plot for the following plot with Seaborn:

1. Download the DataSet from the GitHub link: [Click to Download -> https://raw.githubusercontent.com/resbaz/r-novice-gapminder-files/master/data/qapminder-FiveYearData.csv](https://raw.githubusercontent.com/resbaz/r-novice-gapminder-files/master/data/qapminder-FiveYearData.csv) to solve this problem.

The dataset has 5 columns namely: **country,year,pop,contir**


2. Create a pivot table dataframe with **year** along x-axes, **co**

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Assignment UN

SDG (Compulsory).

1



Technical

Assignments and

Final Project

(Compulsory).

1



Your Internship


Schedule

1



Review Experience

1



Certification &

Recommendation

0

 Update

Step2: Email the following files as attachments to amanda@takenmind.com within the deadline date.

- A. Seaborn Python Program File (.py file)
- B. Code Documentation (Explaining your code in .docx file)
- C. Image file created by Seaborn (.png file)

The subject of your Email: <Your Name> - Assignment#3

Extend My Submission Date to:

Apply Extension

You can extend this submission for one time till 2020-11-23

Assignment #4 [OPTIONAL - Not Mandatory]

DEADLINE: 21-November-2020

Apply for Deadline Extension

Assignment#4 [Submission is OPTIONAL]:

Step1: Study the Complete Data Analysis Techniques and Manipulation Lectures (Section #5 of the Udemy Study Kit). This Assignment requires you to learn a new concept - DecisionTree.

Problem Statement:

1: Understand the decision tree algorithm. (Reference Link with an example: <https://www.youtube.com/watch?v=eKD5gxPPeY0>)

2: Create a DataFrame by importing a new IRIS.csv file created using the data from the following link: <https://www.kaggle.com/uciml/iris>

(NOTE: IRIS dataset is a very standard dataset in the field of data science. The dataset includes three iris species with 50 samples each as well as some properties about each flower. The available columns in this dataset are:

Id, SepalLengthCm, SepalWidthCm, PetalLengthCm, PetalWidthCm, and Species)

3: Split the IRIS dataset into 2 subsets: Training Dataset (70% rows) and Testing Dataset (30% rows)

4: Implement the decision tree classifier algorithm on the IRIS Training dataset. Test the accuracy with Testing Dataset. You are allowed to use any ready-made library for decision tree if needed.

Step2: Email the following files within the deadline date to amanda@takenmind.com

- A. Decision tree coding file (.py file),
- B. Documentation of code (.docx file) and
- C. The accuracy of the decision tree results (Mention % Accuracy in email body)

The subject of your Email: <Your Name> - Assignment#4

This Assignment is Optional. However, all Interested Candidates are welcome to participate and submit. This submission is taken into account for performance evaluation. This assignment doesn't affect certification.

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Project - Proof of Concept: [Submission Mandatory]

DEADLINE: 25-November-2020

Apply for Deadline Extension

Proof-of-Concept: (Submission Mandatory)

The Project is about a company's employee attrition case.

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Assignment UN
SDG (Compulsory).

1

Technical

Assignments and
Final Project
(Compulsory).

1

Your Internship
Schedule

1

Review Experience

1

Certification &
Recommendation

0

Update

Step1: Read the Project Problem Statement and understand the deliverables asked. Now formulate a methodology/technique to solve this project problem. **DO NOT** include codes in your Proof-of-Concept.

Step2: Create an MS Presentation File (maximum 15 slides) to explain your methodology in solving this project problem statement. Explain your initial thoughts, ways to deal with and solve this project.

Step3: Email the MS Presentation file (.pptx or .ppt) to amanda@takenmind.com within the deadline date.

The subject of your Email: <Your Name> - POC
MS Presentation File Attachment Name: <YOUR NAME>-POC.pptx

Extend My Submission Date to:

Apply Extension

You can extend this submission for one time till 2020-11-29

Project - Report Submission [OPTIONAL - Not Mandatory]

DEADLINE: 27-November-2020

Apply for Deadline Extension

Project Report: (Submission Optional)

The Project is about a company's employee attrition case.

[Click here to see/download the Project Problem Statement.](#)

Step1: Read the Project Problem Statement and understand the deliverables asked. Now formulate a methodology/technique to solve this project problem. **Include all code files necessary.**

Step2: Create an MS Presentation File (maximum 15 slides) to explain your input, output and solution to the problem statement. Save a sample input, sample output file along with the presentation.

Step3: Place all the MS Presentation file (.pptx or .ppt), input files, output files and all necessary code files in a single folder and create a zip file.

Step4: Email the Zip file (.zip) to amanda@takenmind.com within the deadline date.

The subject of your Email: <Your Name> - PROJECT-REPORT
ZIP File Attachment Name: <YOUR NAME>-PROJECTREPORT.zip

Extend My Submission Date to:

Apply Extension

You can extend this submissionfor one time till 2020-12-01