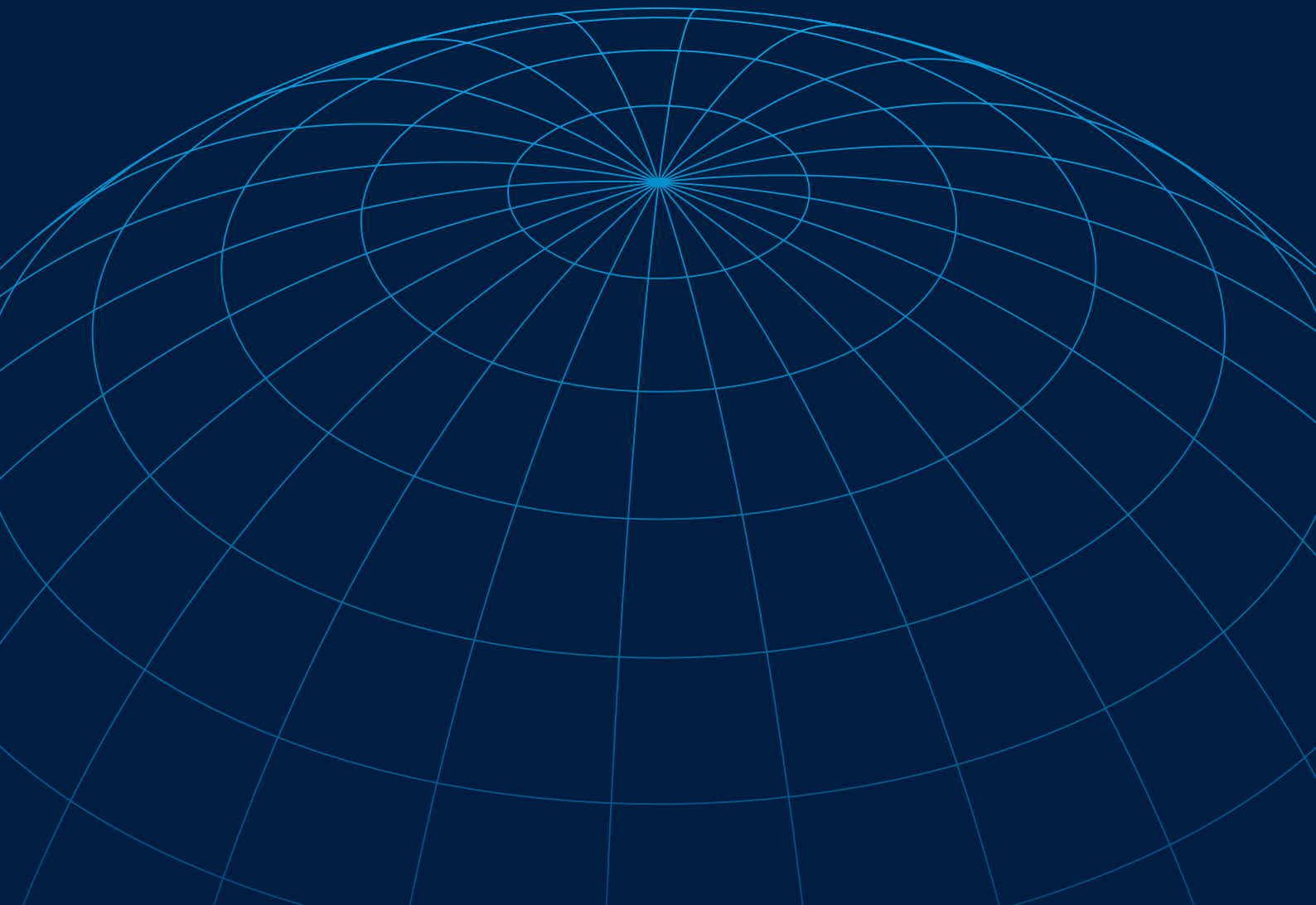THE UNIVERSITY *of* EDINBURGH

Distance Learning at Scale

Vocareum User Guide

July 2019

Vocareum User Guide

What is Vocareum?

Vocareum is a cloud-based notebook service that provides an online environment where you can access content (code, multimedia, text, computational outputs) via multiple programming languages.

Why do we use Vocareum?

Vocareum allows the course instructor to deliver content within an interactive environment that enables you to gain hands-on experience. Instructors will share content that is either informative learning material or an assessment.

Do I need to create an account to access Vocareum Content?

Nope, your account will be automatically created when you select the link and accept the EULA (End User Licence Agreement).
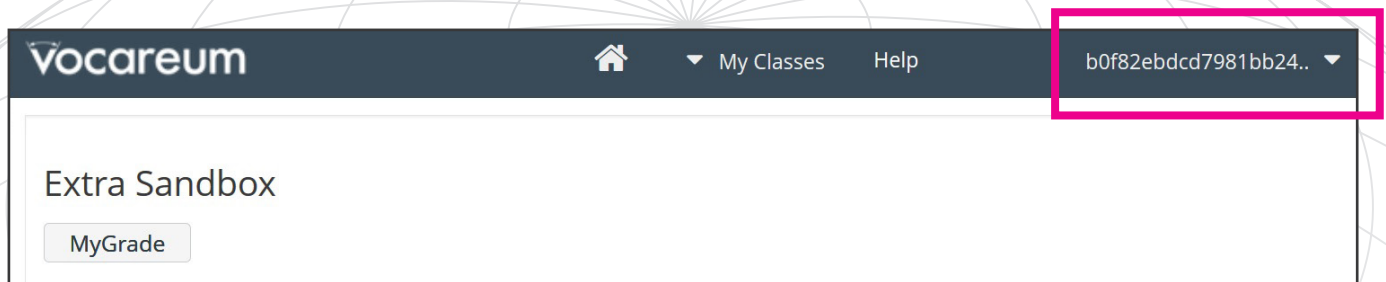
How do I use Vocareum?

It depends on the activity, Vocareum supports multiple tools including Jupyter Notebooks and R Studio. When you launch Vocareum you will have access to the relevant activity from your course. Each link is unique to a specified set of content (so you don't need to worry about locating content in a list, you just click and enjoy).

I have never used Jupyter Notebooks, what do I do?

Don't worry, when you enter an activity, go to help > User Interface Tour which will start an interactive inline tour and provide a brief overview of core functionality. If you want further help please select Help and select the appropriate option.

What about my data?

No personal data is shared with Vocareum. User details are anonymized, and a randomized user ID is created. The randomized user ID will be the same on every course and is associated with your edX account. When you access Vocareum, your anonymized user ID will be displayed in the top right (see below).

How do I know what content is within Vocareum?

Content links will be displayed via a dialogue button, with the button text reflecting the activity type, for example:

• a reading activity   Open Reading ⬈

• or coding activity   Start coding! ⬈

How do I know what Vocareum content is assessed?

Not all content will be assessed but assessed content will be clearly labelled with the text 'Assessment: [Name of assessment]'. For example:

</>

Assessment: Can you spot the fraudsters?

How many points are available for an assessment?

Assessments will have the activity score clearly labelled within the content prior to opening Vocareum (see below for example). It will clearly state the % of the overall course grade. Please see the example below which states the following: 'This assessment is worth 15% of your final grade. You have 3 attempts to submit your response in Vocareum'
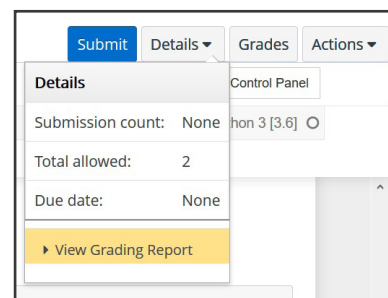
Assessment: Can you spot the fraudsters?

Now it is time to demonstrate what you have learned so far about pre-processing a dataset by solving a few Python exercises on dat transformation and outlier removal. We are going to use a dataset of credit card information to try to spot credit card fraudsters!

This coding assessment is worth 15% of your final grade.

Where can I find more information on submission and the due date within Vocareum?

In the activity, select the Details tab for information on last submitted, due date, how many attempts have been submitted and the total submissions allowed.

Submit	Details ▾	Grades	Actions ▾
Details		Control Panel
Submission count:	None	hon 3 [3.6] ○
Total allowed:	2	
Due date:	None	
▶ View Grading Report		

How does assessment work (within Jupyter Notebook)?

To access your assessment, select the 'Start coding!' button within the edX course. This will take you to Vocareum to complete the assessed activity. Where you will be required to input code the following text will be displayed within the cell 'YOUR CODE HERE' (please see image below).
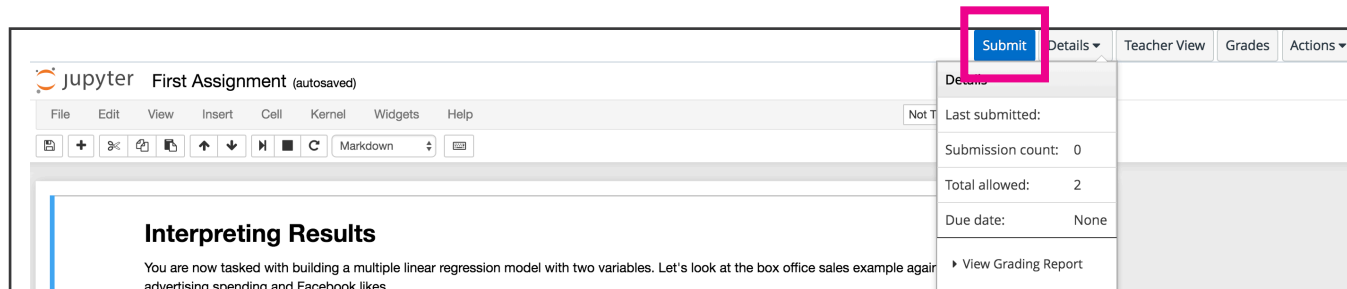
```
###
### YOUR CODE HERE
###
```

Simply replace YOUR CODE HERE with your own code, if you have further exercises within the notebook please complete them and then submit (if you select submit without completing all activity within the notebook it will count as a full submission).

Assessments will be auto graded meaning you will get an instant score after you submit.

How do I submit?

Once you have completed the activity, select the 'Submit' **button** > you will be prompted to confirm your submission > select Yes > the submission will be uploaded and auto-graded.
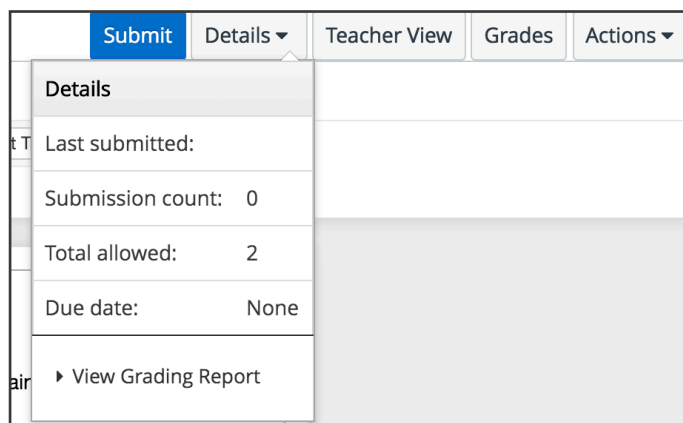

Where can I view my assessment grade within the Vocareum activity?

To view your score grades, select the '**Grades**' button within a Vocareum activity.

Do I get feedback within Vocareum?

If feedback has been configured it will be available via Grade Report. In the activity select Details > View Grading Report.

I cannot see any Vocareum assessments?

Vocareum activity that counts towards your final course score is only available to Verified Learners. Teaching or practise activities will be available to all learners.

Where can I find my Vocareum activity grades within edX?

Go to the progress tab within the edX course to view all grades. Please note that only assessed Vocareum activity is visible in the progress chart and learner overview. Practice activit scores are only visible in the Learner Overview (below the progress chart).