

# Data-driven Astronomy

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



This course is for students enrolled in the University of Sydney's Coursera MOOC on Data-driven Astronomy.

This course is for students enrolled in the University of Sydney's Coursera massive open online course (MOOC) on Data-driven Astronomy. It is integrated with Coursera's learning management system (LMS). You have to access each Grok Learning module from Coursera so that marks are correctly returned to Coursera's LMS.

Your current score is: **57 points.**

Modules	Problems	Slides
Module		Progress
1.	✓ Week 1: Set up your online assessment (/learn/data-driven-astro/module-0/0/)	◇ (/learn/data-driven-astro/module-0/2/) — ◇ (/learn/data-driven-astro/module-0/8/)
2.	✓ Week 1: Calculating the mean stack (/learn/data-driven-astro/module-1/0/)	◇ (/learn/data-driven-astro/module-1/2/) — ◇ (/learn/data-driven-astro/module-1/7/) — ◇ (/learn/data-driven-astro/mod
3.	✓ Week 1: Calculating the median stack (/learn/data-driven-astro/module-2/0/)	◇ (/learn/data-driven-astro/module-2/3/) — ◇ (/learn/data-driven-astro/module-2/6/) — ◇ (/learn/data-driven-astro/mod
4.	✓ Week 2: A naive cross-matcher (/learn/data-driven-astro/module-3/0/) Currently open. Ends in a year on Sun 30 Dec 2018, 6:30 pm	◇ (/learn/data-driven-astro/module-3/4/) — ◇ (/learn/data-driven-astro/module-3/7/) — ◇ (/learn/data-driven-astro/mod

Module	Progress
5. ✓ Week 2: Cross- matching with k-d trees (/learn/data- driven- astro/module- 4/0/) Currently open. Ends in a year on Sun 30 Dec 2018, 6:30 pm	(/learn/data-driven-astro/module-4/2/)  (/learn/data-driven-astro/module-4/4/)  (/learn/data-driven-astro/mod
6. ✓ Week 3: Writing your own SQL queries (/learn/data- driven- astro/module- 5/0/) Currently open. Ends in a year on Sun 30 Dec 2018, 6:30 pm	(/learn/data-driven-astro/module-5/4/)  (/learn/data-driven-astro/module-5/7/)  (/learn/data-driven-astro/mod
7. ✓ Week 3: Joining tables with SQL (/learn/data- driven- astro/module- 6/0/) Currently open. Ends in a year on Sun 30 Dec 2018, 6:30 pm	(/learn/data-driven-astro/module-6/4/)  (/learn/data-driven-astro/module-6/8/)  (/learn/data-driven-astro/mod
8. ✓ Week 4: Setting up your own database (/learn/data- driven- astro/module- 7/0/) Currently open. Ends in a year on Sun 30 Dec 2018, 6:30 pm	(/learn/data-driven-astro/module-7/4/)  (/learn/data-driven-astro/module-7/5/)  (/learn/data-driven-astro/mod
9. ✓ Week 4: Combining SQL and Python (/learn/data- driven- astro/module- 8/0/) Currently open. Ends in a year on Sun 30 Dec 2018, 6:30 pm	(/learn/data-driven-astro/module-8/3/)  (/learn/data-driven-astro/module-8/7/)  (/learn/data-driven-astro/mod

	Module	Progress
10. ✓	Week 5: Building a regression classifier (/learn/data-driven-astro/module-9/0/) Currently open. Ends in a year on Sun 30 Dec 2018, 6:30 pm	 (/learn/data-driven-astro/module-9/7/)  (/learn/data-driven-astro/module-9/8/)  (/learn/data-driven-astro/mod
11. ✓	Week 5: Improving and evaluating our classifier (/learn/data-driven-astro/module-10/0/) Currently open. Ends in a year on Sun 30 Dec 2018, 6:30 pm	 (/learn/data-driven-astro/module-10/3/)  (/learn/data-driven-astro/module-10/7/)  (/learn/data-driven-astro/m
12. ✓	Week 6: Exploring machine learning classification (/learn/data-driven-astro/module-11/0/) Currently open. Ends in a year on Sun 30 Dec 2018, 6:30 pm	 (/learn/data-driven-astro/module-11/7/)  (/learn/data-driven-astro/module-11/8/)  (/learn/data-driven-astro/m