

PREDICTIVES AND PHOSE Exam Help Individual Chouse Exam Help Add WeChat powcoder

A P MOORF

INDIVIDUAL COURSEWORK



- Friday 26th February 2021
- 60% of module mark
- 2000 words Assignment Project Exam Help

https://powcoder.com

BRIEF



The individual coursework task is to identify a dataset and explore building a predictive model using the methods and techniques presented in the first 5 weeks of the course.
Assignment Project Exam Help
There are six main steps:

- Obtain a dataset and problem to solve. This will characterise the type of predictive model you can build
- Explore the data to gaindidsi We Chat powcoder Visualize and explain the main trends in the data
- Prepare the data to better expose the underlying data patterns to Machine 3. Learning algorithms.
- Explore different models and shortlist the best ones. 4.
- 5. Fine-tune your models and combine them into a better solution.
- Present your final solution with any summary conclusions.



Appendix B. Machine Learning Project Checklist

This checklist can guide you through your Machine Learning projects. There are eight main steps:

1. Frame the problem and look at the big picture Assignment Project Example Pipe Learning

- 2. Get the data.
- 3. Explore the data to gain insights.

- 4. Prepare the data to better expose the underlying data patterns to Machine Learning algori
- 5. Explore many different models and shortlist the best ones.

6. Fine-tune your models and combine them into a great solution. Add WeChat powcodie religion Systems

- 7. Present your solution.
- 8. Launch, monitor, and maintain your system.

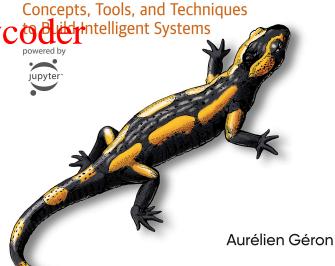
Obviously, you should feel free to adapt this checklist to your needs.

Frame the Problem and Look at the Big Picture

- 1. Define the objective in business terms.
- 2. How will your solution be used?
- 3. What are the current solutions/workarounds (if any)?

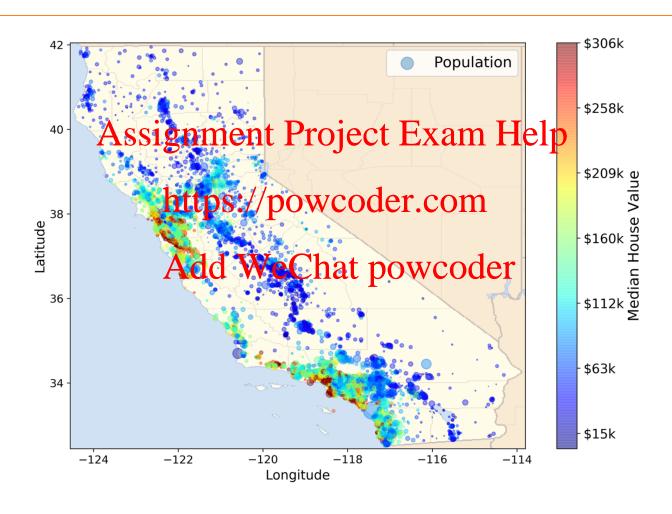
O'REILLY®

Hands-on https://powcoder.com/ras & TensorFlow



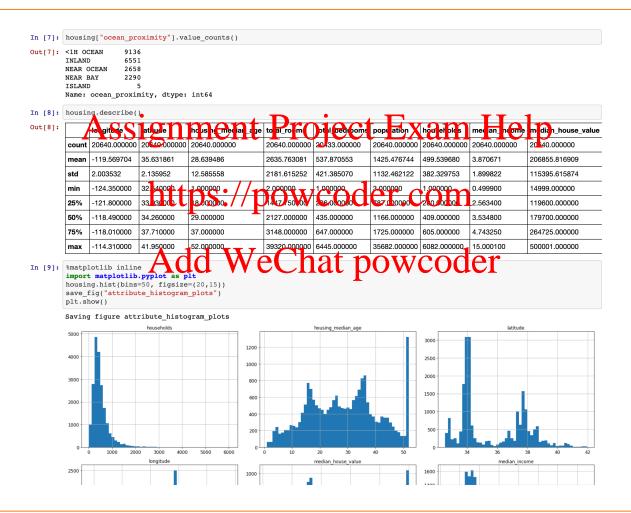
END-TO-END





NOTEBOOK





DATASETS



Useful places for ML datasets:

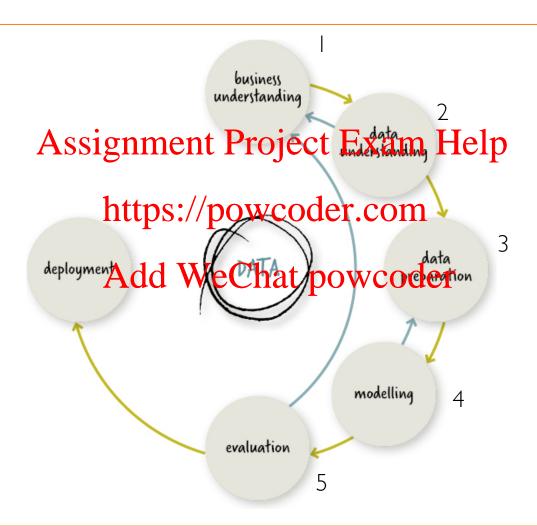
- Tabular & cleaned: https://github.com/EpistasisLab/pmlb/tree/master/datasets
- By domain: http://ssignment Project Exam Help
- By application: https://github.com/awesomedata/awesome-public-datasets
- Search engine: https://https://powcoder.comom

- American Economic Association (AEA)
- EconData from UMD
- Economic Freedom of the World Data
- Mistorical MacroEconomic Statistics
- INFORUM Interindustry Forecasting at the University of Maryland
- DBnomics the world's economic database Aggregates hundreds of [...]
- International Trade Statistics
- 1 Internet Product Code Database [fixme]

CRISP CYCLE

SCHOOL OF MANAGEMENT

DATA DEVELOPMENT LIFECYCLES





Fast First Pass

Make a first-pass through the project steps as fast as possible. This will give you confidence that you have all the party that you need and the file from which to improve.

https://powcoder.com Cycles - The process in not linear but cyclic. You will loop between steps, and probably spend most of yaugument tight loops between steps 3-4 or 3-4-5 until you achieve a level of accuracy that is sufficient or you run out of time.

The write up in the final submitted Notebook can be more linear - you do not need to include all of your work, ie. including all dead-ends, and it should be concise and consistent.



Attempt Every Step

It is easy to skip steps, especially if you are not confident or familiar with the tasks of that step. Try and do something at each step in the process even if it does not improve accuracy. You can always build upon it later. Don't skip steps, just reduce their contribution to your final submission as necessary.

Ratchet Accuracy Add WeChat powcoder

The goal of the project is to achieve good model performance (which ever metric you use to measure this). Every step contributes towards this goal.

Set some simple benchmarks early on. Treat changes that you make as experiments that potentially increase accuracy.

Performance is a ratchet that can only move in one direction (better, not worse).



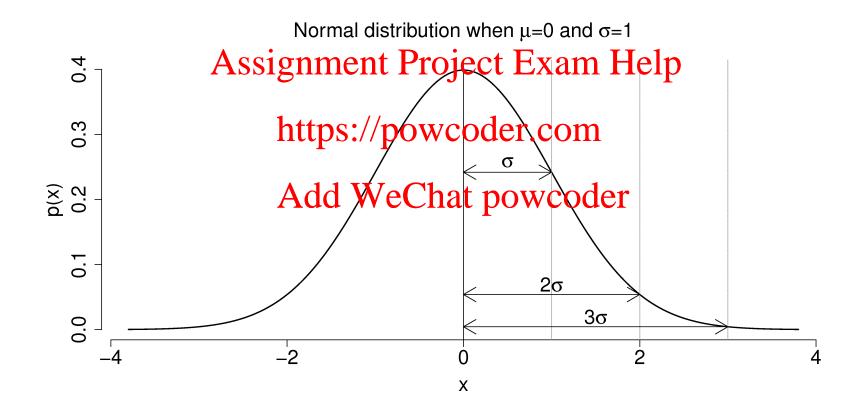
Adapt As Needed

Modify the steps as Agy igrament Piegiente Edvamy Webpome more experienced with using the Notebook.

The final submitted Note by specific prowded terpresenve the suggested structure if you think something else is more appropriate.

A NOTE ON GRADES





KEY DATES



— Submission Friday 26th February 2021, **10** am

Assignment Project Exam Help

https://powcoder.com

TEACHING SUPPORT





Kamil Tylinski Teaching Assistant kamil.tylinski. I 6@ucl.ac.uk





Jiangbo Shangguan Teaching Assistant ishangguan. 17@ucl.ac.https://powcoder.com



Bartos Kultys Teaching Assistant bartosz.kultys. I 8@ucl.ac.uk



Teaching Assistant v.culmone@ucl.ac.uk



Editha Nemsic Teaching Assistant editha.nemsic.19@ucl.ac.uk



Walter Hernandez Teaching Assistant walter.hernandez. I 8@ucl.ac.uk