



Challenge 2: Machine Learning

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Get Your Grade

Get Your Grade

91.0/100 points (graded)

You must enter your grading token in order to receive a grade for your submission. You may submit your token here as many times as you want; it will only change when you make a submission that is better than your current best.

See here for instructions: <https://datasciencecapstone.org/about#how-do-i-get-my-grade-on-edx>

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Your grade is 91/100

Submit

Your Grade Explained

The score for your competition entry is based on the root-mean-squar error (RMSE) achieved by your model when tested with the private test set. This metric quantifies the error in your model, so the **lower** the RMSE score achieved by your model, the **better** the model is performing.

For more details about this metric, see the problem description page attached to [this competition](#).

Your grade for this challenge is out of 100, and is calculated from your score in the competition based on several benchmarks:

- If your model scores an **RMSE higher than 11.5**, your grade will be **1/100**.
- Models that score an **RMSE of 11.5** will earn you a grade of **60/100**.
- Models that score an **RMSE of 9.5** will earn you a grade of **90/100**.

If your model produces a score between two of these benchmarks, your grade will be calculated proportionally. For example, a model with an RMSE score of 10.5 is halfway between the 9.5 and 11.5 benchmarks, which are worth 90 and 60 respectively, so the model would earn a grade of 75.

Note: In order to prevent overfitting these grades are based on the reserved test data, so don't be surprised if your grade is less than your local test or cross validation scores would suggest. If they are very different, you are probably overfitting.

Support

For more details about competition entries and grading, see the competitions FAQ at <https://datasciencecapstone.org/about/>.

If you have any problems that are not answered in the FAQ; send an email to **support@datasciencecapstone.org**.