


Microsoft: DAT203x Data Science and Machine Learning Essentials

- ▶ Before You Start
- ▶ Module 1: Introduction and Data Science Theory
- ▶ Module 2: Working with Data
- ▶ Module 3: Visualization, and Building and Evaluating Models
- ▶ Module 4: Regression, Classification, and Unsupervised Learning
- ▼ **Module 5: Recommenders and Publishing Your Work**
- Chapter 19: Recommendation Models
- Lab 5A: Working with Recommendation Models
- Chapter 20: Introduction to Jupyter Notebooks in Azure ML

QUESTION 3 (1/1 point)

You create an experiment that uses a Train Matchbox Recommender module and a Score Matchbox Recommender module with the recommender prediction kind set to Item Recommendation.

How should you evaluate the performance of your model?

- ☐ Add an Evaluate Model module and review the Root Mean Squared Error (RMSE) value. The closer this value is to zero, the better the model is performing.
- ☐ Add an Evaluate Recommender module and review the Root Mean Squared Error (RMSE) value. The closer this value is to zero, the better the model is performing.
- ☒ Add an Evaluate Recommender module and review the Normalized Discounted Cumulative Gain (NDCG) value. The closer this value is to 1, the better the model is performing. ✓
- ☐ Add an Evaluate Model module and review the Mean Absolute Error (MAE) value. The closer this value is to zero, the better the model is performing.


EXPLANATION

When using the Item Recommendation mode, the Evaluate Recommender model displays the NDCG metric for the scored model, with 1 representing a perfect model.

You have used 1 of 2 submissions

Chapter 21:
Publishing Azure
ML Models

Lab 5B: Publishing
Models in Azure
ML

Module 5 Review
Homework due Oct 30,
2015 at 00:00 UTC 

► Final Exam

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