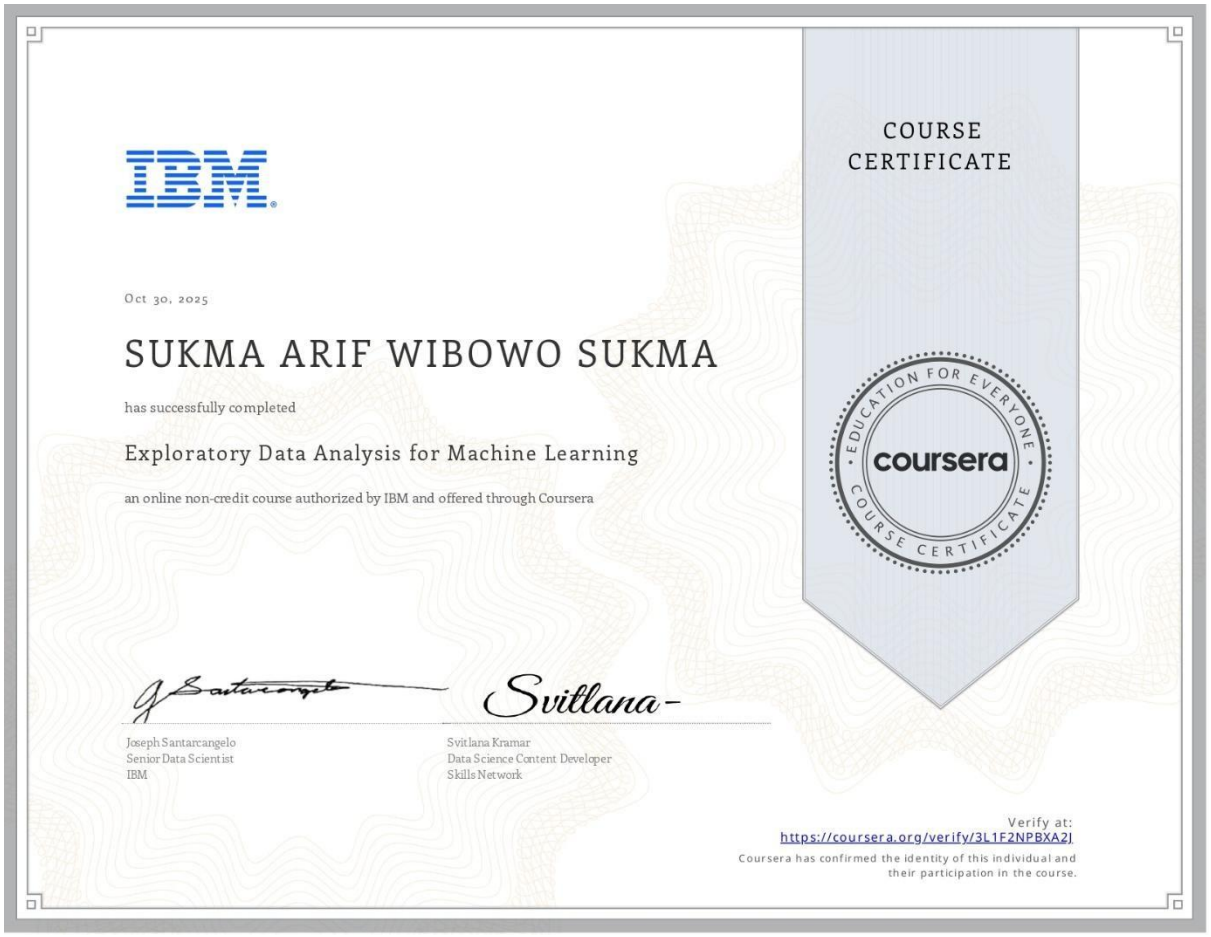
NAMA: SUKMA ARIF WIBOWO NIM: A11.2022.14144 KELP: A11.4506

1. EXPLORATORY DATA ANALYSIS FOR MACHINE LEARNING



COURSE CERTIFICATE

IBM

Oct 30, 2025

SUKMA ARIF WIBOWO SUKMA

has successfully completed

Exploratory Data Analysis for Machine Learning

an online non-credit course authorized by IBM and offered through Coursera

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Joseph Santarcangelo
Senior Data Scientist
IBM

Svitlana Kramar
Data Science Content Developer
Skills Network

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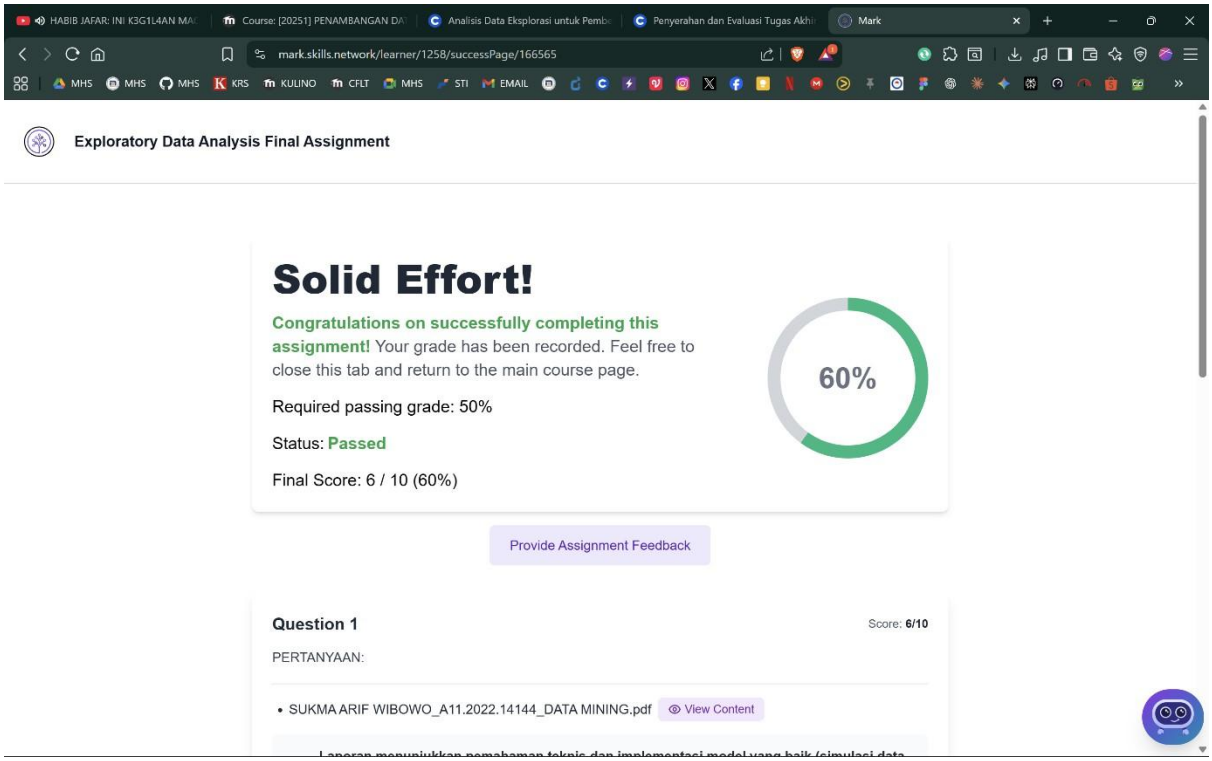

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Exploratory Data Analysis Final Assignment

Solid Effort!

Congratulations on successfully completing this assignment! Your grade has been recorded. Feel free to close this tab and return to the main course page.

60%

Required passing grade: 50%

Status: **Passed**

Final Score: 6 / 10 (60%)

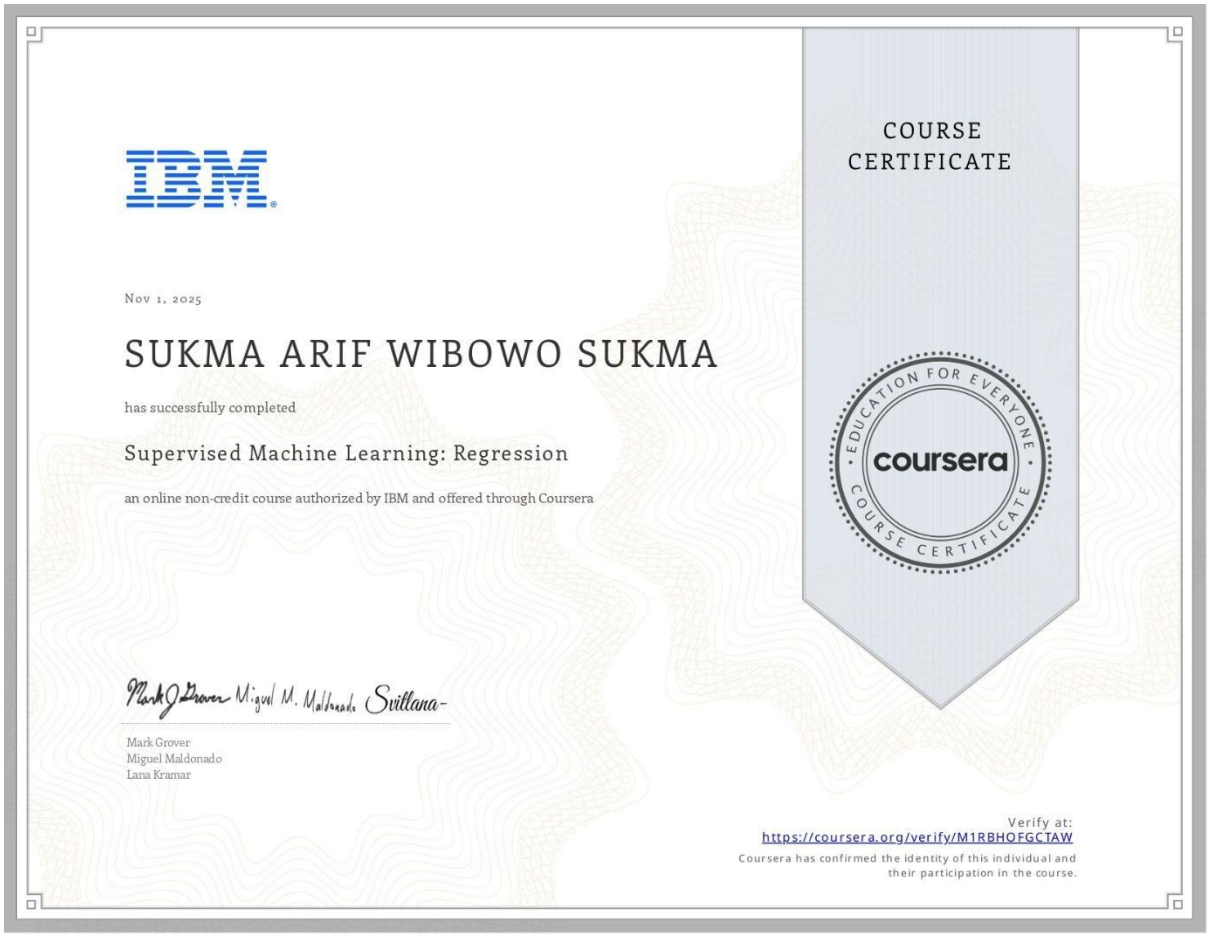
Provide Assignment Feedback

Question 1 Score: **6/10**

PERTANYAAN:

- SUKMA ARIF WIBOWO_A11.2022.14144_DATA MINING.pdf View Content

2. SUPERVISED MACHINE LEARNING: REGRESSION



IBM

COURSE CERTIFICATE

Nov 1, 2025

SUKMA ARIF WIBOWO SUKMA

has successfully completed

Supervised Machine Learning: Regression

an online non-credit course authorized by IBM and offered through Coursera

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Mark Grover
Miguel Maldonado
Lara Kramar

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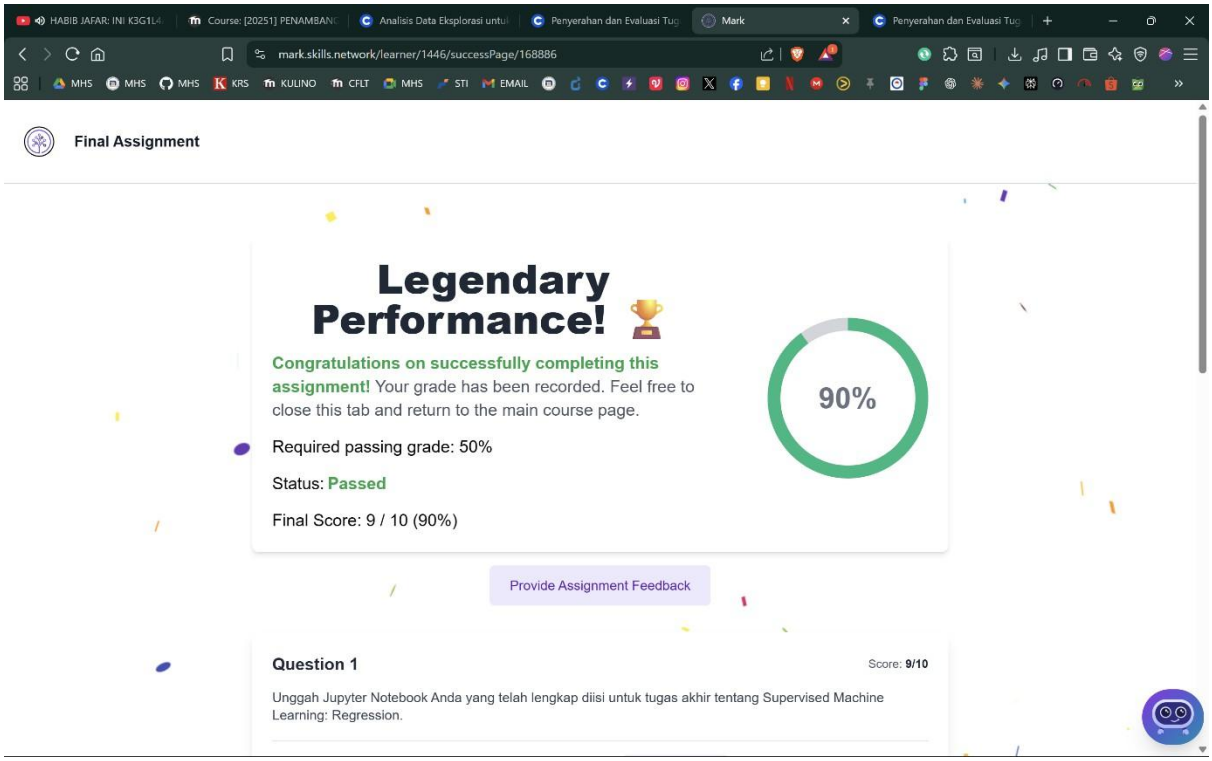

mark.skills.network/learner/1446/successPage/168886

Final Assignment

Legendary Performance!

Congratulations on successfully completing this assignment! Your grade has been recorded. Feel free to close this tab and return to the main course page.

90%

Required passing grade: 50%

Status: **Passed**

Final Score: 9 / 10 (90%)

Provide Assignment Feedback

Question 1 Score: **9/10**

Unggah Jupyter Notebook Anda yang telah lengkap diisi untuk tugas akhir tentang Supervised Machine Learning: Regression.

3. SUPERVISED MACHINE LEARNING: CLASSIFICATION

IBM

COURSE CERTIFICATE

Nov 12, 2025

SUKMA ARIF WIBOWO SUKMA

has successfully completed

Supervised Machine Learning: Classification

an online non-credit course authorized by IBM and offered through Coursera

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Yan Luo Mark J. Grover Miguel M. Maldonado

Yan Luo
Mark Grover
Miguel Maldonado

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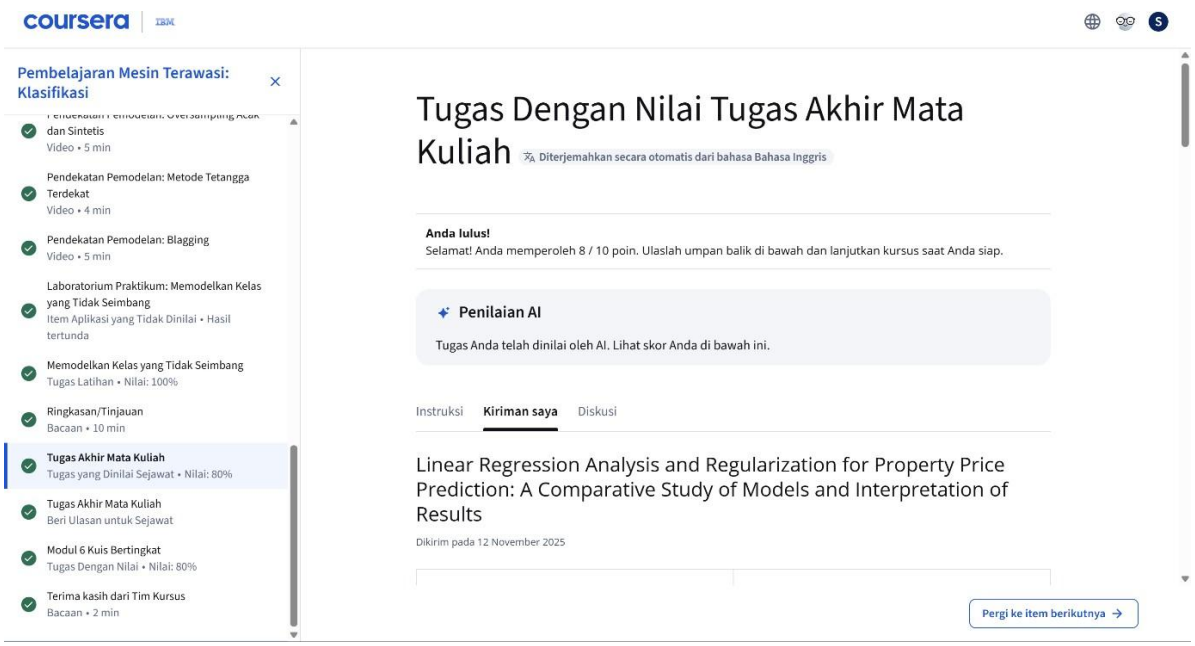

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Pembelajaran Mesin Terawasi: Klasifikasi

- dan Sintetis — Video • 5 min
- Pendekatan Pemodelan: Metode Tetangga Terdekat — Video • 4 min
- Pendekatan Pemodelan: Blagging — Video • 5 min
- Laboratorium Praktikum: Memodelkan Kelas yang Tidak Seimbang — Item Aplikasi yang Tidak Dinilai • Hasil tertunda
- Memodelkan Kelas yang Tidak Seimbang — Tugas Latihan • Nilai: 100%
- Ringkasan/Tinjauan — Bacaan • 10 min
- **Tugas Akhir Mata Kuliah** — Tugas yang Dinilai Sejawat • Nilai: 80%
- Tugas Akhir Mata Kuliah — Beri Ulasan untuk Sejawat
- Modul 6 Kuis Bertingkat — Tugas Dengan Nilai • Nilai: 80%
- Terima kasih dari Tim Kursus — Bacaan • 2 min

Tugas Dengan Nilai Tugas Akhir Mata Kuliah

Diterjemahkan secara otomatis dari bahasa Bahasa Inggris

Anda lulus!
Selamat! Anda memperoleh 8 / 10 poin. Ulaslah umpan balik di bawah dan lanjutkan kursus saat Anda siap.

Penilaian AI

Tugas Anda telah dinilai oleh AI. Lihat skor Anda di bawah ini.

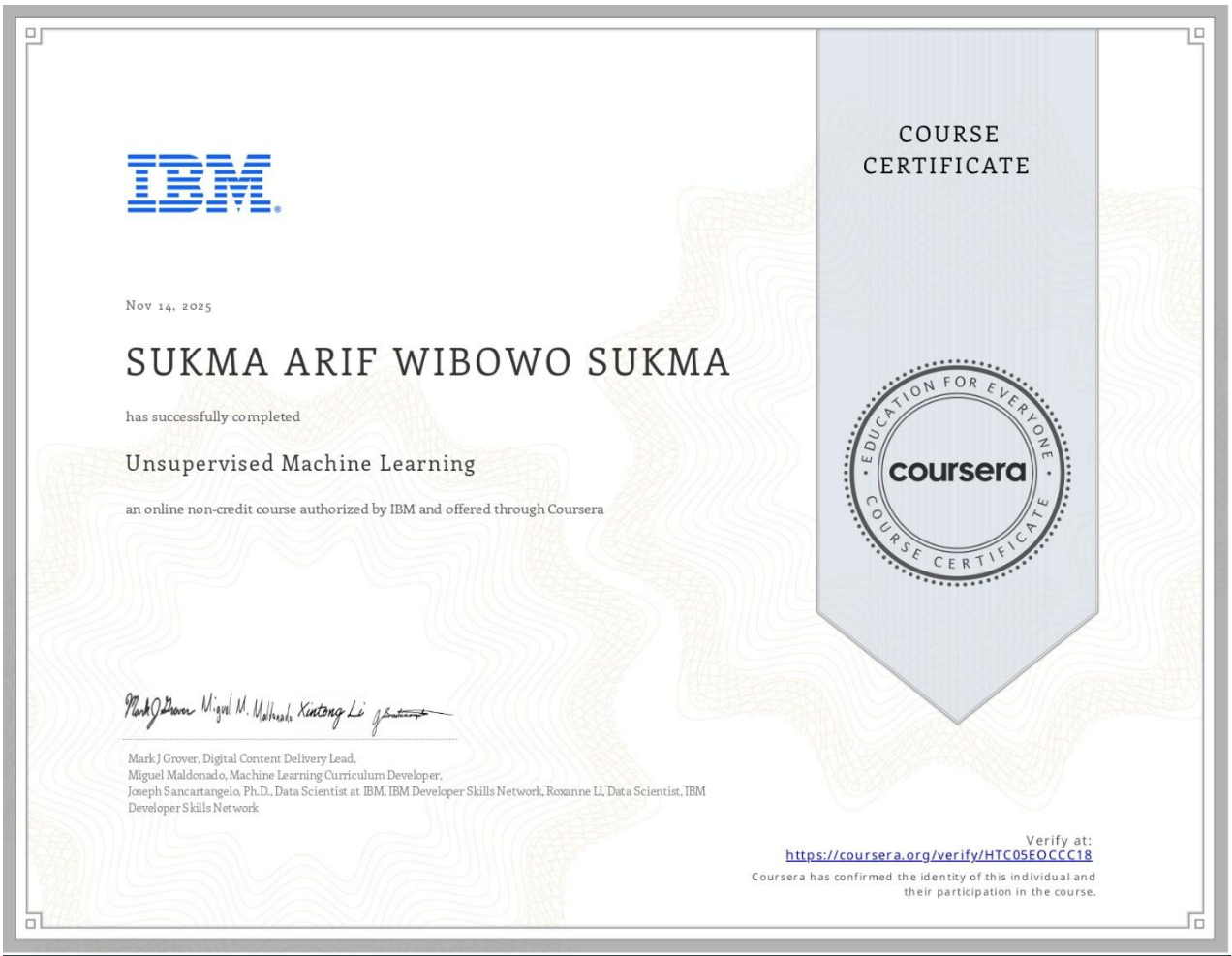
Instruksi | **Kiriman saya** | Diskusi

Linear Regression Analysis and Regularization for Property Price Prediction: A Comparative Study of Models and Interpretation of Results

Dikirim pada 12 November 2025

Pergi ke item berikutnya →

4. UNSUPERVISED MACHINE LEARNING



COURSE CERTIFICATE

Nov 14, 2025

SUKMA ARIF WIBOWO SUKMA

has successfully completed

Unsupervised Machine Learning

an online non-credit course authorized by IBM and offered through Coursera

Mark J Grover, Digital Content Delivery Lead,
Miguel Maldonado, Machine Learning Curriculum Developer,
Joseph Sancartangelo, Ph.D., Data Scientist at IBM, IBM Developer Skills Network, Roxanne Li, Data Scientist, IBM Developer Skills Network

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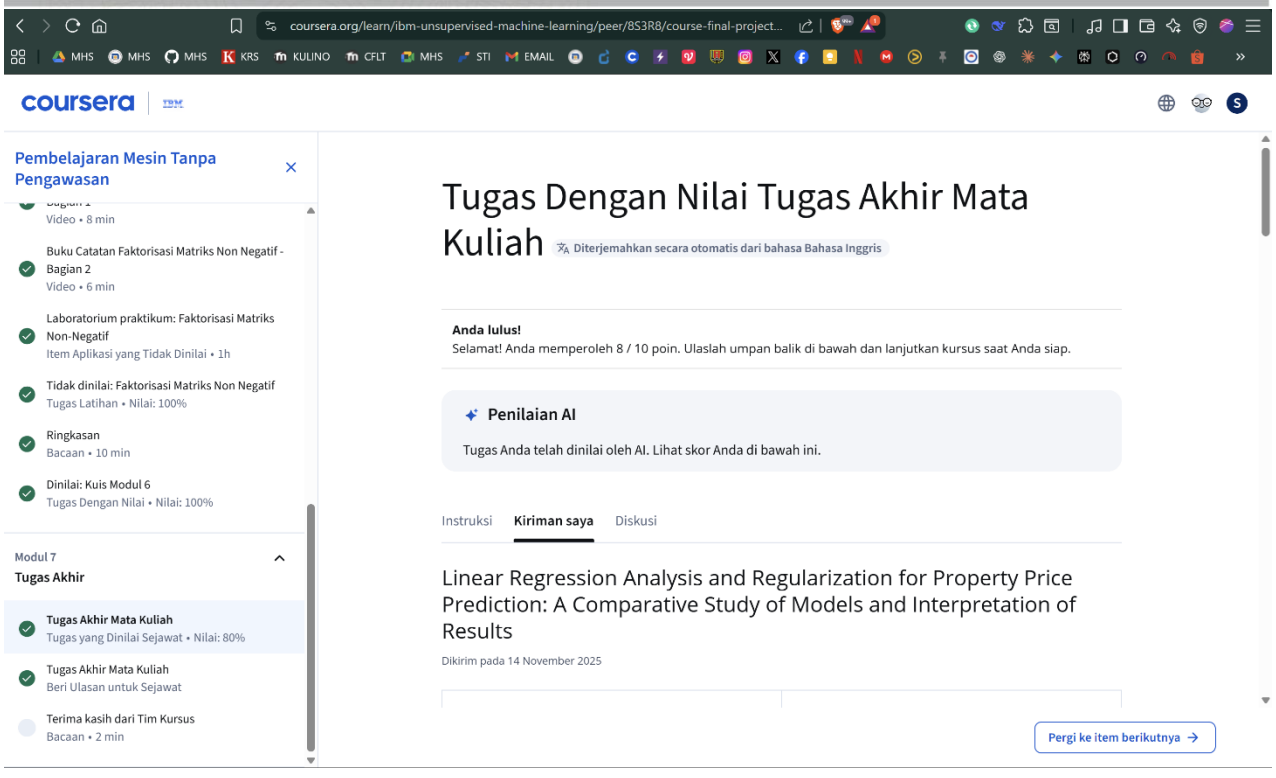

coursera.org/learn/ibm-unsupervised-machine-learning/peer/8S3R8/course-final-project...

Pembelajaran Mesin Tanpa Pengawasan

Video • 8 min
Buku Catatan Faktorisasi Matriks Non Negatif - Bagian 2
Video • 6 min
Laboratorium praktikum: Faktorisasi Matriks Non-Negatif
Item Aplikasi yang Tidak Dinilai • 1h
Tidak dinilai: Faktorisasi Matriks Non Negatif
Tugas Latihan • Nilai: 100%
Ringkasan
Bacaan • 10 min
Dinilai: Kuis Modul 6
Tugas Dengan Nilai • Nilai: 100%

Modul 7
Tugas Akhir

Tugas Akhir Mata Kuliah
Tugas yang Dinilai Sejawat • Nilai: 80%
Tugas Akhir Mata Kuliah
Beri Ulasan untuk Sejawat
Terima kasih dari Tim Kursus
Bacaan • 2 min

Tugas Dengan Nilai Tugas Akhir Mata Kuliah

Diterjemahkan secara otomatis dari bahasa Bahasa Inggris

Anda lulus!
Selamat! Anda memperoleh 8 / 10 poin. Ulaslah umpan balik di bawah dan lanjutkan kursus saat Anda siap.

Penilaian AI

Tugas Anda telah dinilai oleh AI. Lihat skor Anda di bawah ini.

Instruksi | Kiriman saya | Diskusi

Linear Regression Analysis and Regularization for Property Price Prediction: A Comparative Study of Models and Interpretation of Results

Dikirim pada 14 November 2025

Pergi ke item berikutnya

5. DEEP LEARNING AND REINFORCEMENT LEARNING