



Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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Supervised Learning: Classification

Kód: **DÉLKA:** **CENA:**

ZL1_W7103 10.4 Hours Free

Description

This course introduces you to one of the main types of modeling families of supervised Machine Learning: Classification. You will learn how to train predictive models to classify categorical outcomes and how to use error metrics to compare across different models. The hands-on section of this course focuses on using best practices for classification, including train and test splits, and handling data sets with unbalanced classes.

IBM Customers and Sellers: If you are interested in this course, consider purchasing it as part of one of these Individual or Enterprise Subscriptions:

- IBM Learning for Data and AI Individual Subscription ([SUBR022G](#))
- IBM Learning for Data and AI Enterprise Subscription ([SUBR004G](#))
- IBM Learning Individual Subscription with Red Hat Learning Services ([SUBR023G](#))

Cíle

By the end of this course you should be able to:

- Differentiate uses and applications of classification and classification ensembles.
- Describe and use logistic regression models.
- Describe and use decision tree and tree-ensemble models.
- Describe and use other ensemble methods for classification.
- Use a variety of error metrics to compare and select the classification model that best suits your data.
- Use oversampling and undersampling as techniques to handle unbalanced classes in a data set.

Určeno pro

This course targets aspiring data scientists interested in acquiring hands-on experience with Supervised Machine Learning Classification techniques in a business setting.

Vstupní znalosti

To make the most out of this course, you should have familiarity with programming on a Python development environment, as well as fundamental understanding of Data Cleaning, Exploratory Data Analysis, Calculus, Linear Algebra, Probability, and Statistics.

Program

1. Logistic Regression
2. K Nearest Neighbors
3. Support Vector Machines
4. Decision Trees
5. Ensemble Models
6. Modeling Unbalanced Classes

Termíny školení

Termíny školení na vyžádání, [kontaktujte nás prosím](#)

Dodatečné informace

[Školení je možné zajistit na míru. Kontaktujte nás pro bližší informace.](#)