

Muhammed Kaya

From: Cassandra Furtado <cfurtado@oreilly.com>
Sent: Thursday, March 31, 2022 1:22 PM
To: Muhammed Kaya
Cc: Teri Finn
Subject: [External] Re: Urgent Publication Permission Needed

Hello Muhammed,

Thank you for reaching out to us. O'Reilly Media Inc. is pleased to grant you permission to use those two figures in your thesis, as described below, free of charge. Please include the following credit where applicable: "from *Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow*, by Aurélien Géron. Copyright © 2019 Kiwisoft S.A.S. Published by O'Reilly Media, Inc. Used with permission."

Best wishes,
Cassandra

On Thu, Mar 31, 2022 at 1:37 PM Muhammed Kaya <mekaya@mines.edu> wrote:

Dear Mr.Geron,

First, thank you for completing and publishing such an outstanding work through *Hands-on Machine Learning with Scikit-Learn, Keras, and Tensorflow*. Thanks to your work, I was able to understand the fundamental concepts of Machine Learning, especially the concepts regarding overfitting the training data.

Myself, I am a Master of Science student at Colorado School of Mines, and I will be defending my thesis on estimation of Unconfined Compressive Strength values from drilling parameters by using Machine Learning regression models. With your permission, I am planning on reproducing following figure/s directly from your work to clarify the fundamental concepts of overfitting the training data in my work.

- Chapter 1 – Figure 1.22 – Overfitting the training data
- Chapter 4 – Figure 4.14 – High-degree Polynomial Regression

As I will be defending in two weeks, I will need your permission to use Figures above. I will only need your email approval as a reply to this email, and I will attach your permission to my thesis.

In any case, thank you for reading the email, your work is greatly appreciated.

Best Regards,

M. Esad Kaya

Muhammed Esad Kaya

MSc Student at Petroleum Engineering Department

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