According to the scientific visualization rules presented in class, is it possible to plot a graphical representation of the confidence level of one single figure of merit (like the accuracy) of your trained model?

Scegli un'alternativa:

- No, the confidence intervals data have different units and meaning and hence can not be represented in the same plot
- Yes, the confidence interval data have different units and meaning but they can be represented in the same plot using different visual attributes like "slope" and "area"
- Yes, the confidence interval data have the same units and meaning and they can be represented in the same plot

Feedback

La risposta corretta è: Yes, the confidence interval data have the same units and meaning and they can be represented in the same plot

The number of parameters to be fixed during a complete training in a deep learning model like the VGGNet presented in the course is about

Scegli un'alternativa:

- < 100000
- > 100 Million
- about 1 Million
- about 10 Million

Feedback

La risposta corretta è: > 100 Million

Considering the class discussing about the basic metrics in data similarity, given a vector A, vector B, a real number alpha, and the cosine metrics cos(A,B) it is possible to say that

Scegli un'alternativa:

- alpha * cos(A,B) = cos(alpha*A, B)
- cos(A,B) = cos(alpha*A, alpha*B)
- cos(A,B) = cos(alpha*A, B) = cos(A, alpha*B)
- alpha * cos(A,B) = cos(alpha*A, alpha*B)

Feedback

La risposta corretta è: cos(A,B) = cos(alpha*A, alpha*B)

Referring to the class discussion on data leakage what is the worst situation?

Scegli un'alternativa:

- The unwanted leakage of data from training dataset to test data set
- None of the other options since transferring data from test and/or training dataset is normal when the accuracy of the model is tested
- The unwanted leakage of data from test dataset to training data set since you are subtracting data to the generalization test, making the situation more pessimistic
- The unwanted leakage of data from test dataset to training data set since you are subtracting data to the generalization test, making the situation more optimistic

Feedback

La risposta corretta è: The unwanted leakage of data from test dataset to training data set since you are subtracting data to the generalization test, making the situation more optimistic

What task of an intelligent vision system is associated to following description: split or separate an image into regions using features, patterns and colors to facilitate recognition, understanding, and Region Of Interests (ROI) processing and measurements.

Scegli un'alternativa:

- Model training
- Post processing
- Enhancing
- Segmentation
- Feature engineering

Feedback

La risposta corretta è: Segmentation