

Case 2 description

The UTKFaces dataset contains more than 20,000 observations and consists of image of faces provided both in the wild as well as in cropped and aligned format. Labels are provided for age, race, and sex. It is available from the following website:

<https://susanqq.github.io/UTKFace/>

It is recommended that you use the clean version of the data (cropped and aligned).

The case consists of doing an exploratory (unsupervised) analysis using the data source or parts of the data source. An interpretation of the model should be present. You are allowed to use other data sources as well. You may supplement your unsupervised analysis with a supervised analysis, if you wish.

Formulate a clear purpose for your project, so the aim of your analysis is clear. What kind of representation would you like to derive from the faces? What could it be used for?

I expect you to use methods from the course curriculum. Please make solid arguments for your choice of methods. The choice of methods should align with your aim.