**Nurtai Maksat** CSSE-1605

For laboratory work, I chose data on heart disease. That is, a disease dataset with several attributes. If the attribute names are not clear, here is a guide for you:

* cp - chest\_pain
* fbs - fasting blood sugar
* restecg - resting electrocardiographic results
* thalach - maximum heart rate achieved
* exang - exercise induced angina
* slope - the slope of the peak exercise ST segment
* ca - number of major vessels (0-3) colored by flourosopy
* thal - 3 = normal; 6 = fixed defect; 7 = reversable defect

I think it is not necessary to explain what we are doing in each lesson, that is, about dataset division and so on. I would prefer to talk about the “KNeighborsClassifier”. This algorithm is very simple. To determine which class the data belongs to, it will simply take a certain amount of data that is closest to everyone and make a vote. And as a result of the voting class is determined. That's all.