

# Task 3 for Machine Learning

by

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The dataset is from Iquitos.

The number of elements left in our dataset is 200, after deleting some outliers that we talked about in the last task.

We choose  $k$  (our number of clusters) to be 4, since the clusters resulting of it are way more similar in density than with 3, and with 5 there's a lot of overlapping.

The PCA resulting of this is:

