**HMO or PPO: A Machine Learning Project**

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**Topic**

There two parts to this project. First, is a machine learning portion. Here, my goal is to predict whether an employee will choose an HMO or PPO medical plan given an employee’s age, gender, ethnicity, zip code, salary range and job category. Secondly, I will create an HR dashboard using Tableau. It will display the demographic breakdown of our employee population, headcount, geographic dispersion, as well as turnover data.

**Data sets**

* Laserfiche employee data (masked)

**Tools:**

* Python
* Scikit Learn: Logistic Regression, KNeighbors, SVC, Random Forest
* Tableau

**Github Repo**

* <https://rbourdeau1@bitbucket.org/rbourdeau1/rona-m-bourdeau.git>

**Visualizations**

