Hadi Hamad Data Science Test Tuesday, September 8, 2020

**Company: Maids.cc**

Solution:

1. There is a weak and negative correlation (-0.1) which suggests the type of maid does not affect the complaint number as well as positive and weak correlation(0.11) that also suggests that type of maid does not affect cancellation rate **therefore type of maid does not affect in general client’s satisfaction.**
2. Walkin Maids get hired faster than operator maids (as shown in Jupyter Notebook File)
3. There is a weak and positive correlation between number of failed interviews and type of maid (0.15)
4. Termination rate is 34% and correlation between type of maid and being fired is 0.0024 which is very weak. In addition, p value is higher than 0.05 which says that this is not a good relation (maid type and being fired) to build hypothesis on.
5. Although correlation is weak but walkin maids have better correlation than operator maids.