



HR Analytics

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- ‘People Charm’, a growing company is facing a high attrition rate among their employees which in turn affects their business due to lack of expertise and experience
- Their HR department is assigned the task to reduce the attrition rate by retaining employees who are about to churn out
- They need to recommend special plans or strategies which will help them to retain their employees which in turn will help them to grow bigger as a company

HR Analytics: Data

Variables Description

File Name: *People Charm's case.csv*

Total size : 14999 x 10

Variables (in order as in dataset)	Description
<i>satisfactoryLevel</i>	<i>Scores given by the employees, scaling 0 to 1</i>
<i>lastEvaluation</i>	<i>Last evaluation points given, scaling 0 to 1</i>
<i>numberOfProjects</i>	<i>Number of projects involved</i>
<i>avgMonthlyHours</i>	<i>Average monthly hours</i>
<i>timeSpent@company</i>	<i>Time spent at the company, in years</i>
<i>workAccident</i>	<i>Whether he/she had a work accident</i>
<i>left</i>	<i>if the employee is about to leave or not, about to leave(serving notice period) – 1 and 0 otherwise</i>
<i>promotionInLast5years</i>	<i>Whether he/she had a promotion in the last 5 years</i>
<i>dept</i>	<i>Department he/she belongs to</i>
<i>Salary</i>	<i>Salary as high, medium or low</i>

```
operation == "MIRROR_X":  
    mirror_mod.use_x = True  
    mirror_mod.use_y = False  
    mirror_mod.use_z = False  
operation == "MIRROR_Y":  
    mirror_mod.use_x = False  
    mirror_mod.use_y = True  
    mirror_mod.use_z = False  
operation == "MIRROR_Z":  
    mirror_mod.use_x = False  
    mirror_mod.use_y = False  
    mirror_mod.use_z = True
```

```
#selection at the end -add  
mirror_ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
= ("Selected" + str(modifier_ob.name))  
mirror_ob.select = 0  
= bpy.context.selected_objects  
data.objects[one.name].select  
print("please select exactly one mirror")
```

WILLIAM CHARTERS

```
def select_mirror(modifier):  
    #select mirror to the selected  
    #object -mirror_mirror  
    mirror_ob = bpy.context.selected_objects[0]  
    mirror_ob.select = 1
```

THANK YOU