Important features for Human Resources dataset using Random Forest:

1. satisfaction level
2. number project
3. time spend company

Gradient boosting algorithms:

1. **from sklearn.ensemble import GradientBoostingClassifier**
2. for xgboost on colab [Link](
   https://colab.research.google.com/drive/1llYC2qlo887tS7JSYDyCRXMNW7b80Jgk?
   usp=sharing#scrollTo=my6XF-TPT2fu)
3.
4.

```python
# Feature Importance Plot
best_model = gcv.best_estimator_
imps = best_model.feature_importances_
i_sorted = np.argsort(-imps)
n_sorted = X.columns[i_sorted]
imp_sorted = imps[i_sorted]


plt.figure(figsize=(20,10))
plt.barh(n_sorted,imp_sorted)
plt.title('Sorted Feature Importances for Image Segmentation')
plt.show()
```