

# IBM HR Analytics Employee Attrition & Performance

Uncover the factors that lead to employee attrition and explore important questions such as 'show me a breakdown of distance from home by job role and attrition' or 'compare average monthly income by education and attrition' (Its up to you to explore and find patterns in the dataset by asking questions of your choice). Finally, predict the "Attrition" from this data set.

Assignment Guidelines:

1. Do basic analysis and Visualization of all the columns and select the columns which you feel are relevant for solving the problem statement. (Don't forget to preprocess your data)
2. Explore different scoring metrics (like F1 score, accuracy, precision, etc.) and select the most relevant.
3. Experiment with different classification algorithms and Don't forget to perform hyperparameter tuning on these models
4. Make sure to provide import features for at least one of the models
5. Finally in conclusion section make sure to compare all your models