**Tuwaiq Bootcamp**

**Boot Camp proposal questions:**

**Proposal:**

* **Using data for Predicting Employee Attrition since the attention has increasingly been paid to human resources (HR), and worker quality and skills represent a growth factor and a real competitive advantage for companies. After proving its mettle in sales and marketing, artificial intelligence is also becoming central to employee-related decisions within HR management.**

**Features:**

* **The data contains 19,104 instances (employees) with other features such as Age, gender, city, Date of joining, Last working date, Designation etc**

**Model:**

* **LogisticRegression**
* **DecisionTreeClassifier**
* **RandomForestClassifier**

**Tool:**

* **In terms of tools the data has to be cleaned and clustered before training the model to predict the attrition of employees to ensure accuracy, and in case the need of using any further tools to be used for further test and accurate results.**