



## Project proposal

# Employee Retention Project Proposal

## Overview

*Salifort's HR department seeks to create a model which will help to determine if an employee will leave the company or stay on it to discover features that improve employee retention and save money.*

Milestones	Tasks	PACE stages
1	<b>Establish the workflow structure (PACE).</b>  <b>Write a project proposal for the senior executives.</b>  <b>Collect the data required to build the model.</b>	Plan
2	<b>Establish the strengths and weaknesses of the model options (Regression and Machine Learning).</b>  <b>Decide which software and tools will be used to build the model.</b>  <b>Establish a metric of success for the model based on its goal.</b>	Plan
3	<b>Perform Exploratory Data Analysis (EDA) in the collected data.</b>  <b>Compute sample statistics and build data visualizations.</b>  <b>Perform Feature Engineering to increase the efficiency of the dataset.</b>	Plan and Analyze



4	<p>Choose a model based on the results of milestones 2 and 3.</p> <p>Build and test the model using the selected metric(s).</p> <p>Modify and improve the model during and after testing it.</p>	Construct
5	<p>Create an executive summary of the project results.</p> <p>Present the summary to the executives.</p> <p>Deploy or modify the model based on the feedback.</p>	Execute