
What drives an employee leave the company?

A study of Employee retention in Salifort Motors Project Proposal

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Goals

Expected delivery

April 8, 2025

Deliverables

- A clean notebook with all the codes
 - Executive summary with summary and recommendations
 - A detailed report in GitHub
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Phase 1 - Planning

Business task

- Identify the stakeholders
- Define the business goal
- Define the deliverables

Data

- Collecting the data and other resources
 - Choosing tools and methodologies
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Phase 2 - Analyse

Tasks

- Performing EDA using Python and Tableau
- Perform descriptive statistics
- Ethical considerations

Deliverables

- Recording all the results in Jupyter Notebook
-

Phase 3 - Construct

Tasks

- Identify the data visualizations, machine learning models and other processes required
- Define dependent and independent variables

Deliverables

- Build the regression model
 - Record the results
 - Identify the possible solutions to problems faced
 - Create machine learning models
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Phase 4 - Execute

Tasks

- Interpret the model results
- Create a summary of the analysis
- Define the limitations of the analysis and what can be done to improve the study

Deliverables

- A clear and concise summary of the analysis
 - Propose recommendations along with limitations of the project, further research ideas, ethical considerations
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Attention areas

Regression analysis

- Defining dependent and independent variables
- Interpreting the model results

Machine Learning Models

- Interpreting the model results
 - Choosing the right variables
-

Schedule

Create project
proposal, collect
resources, lay down
the structure of report

Logistic Regression
Model and result
interpretation

Write the summary,
provide
recommendations,
final touches on the
report

30.03.25

02.04.25

04.04.25

06.04.25

08.04.25

Choose Python
packages, perform
EDA in Jupyter
Notebook and Tableau

Decision Tree,
Random Forest and
XG Boost models and
interpret the results