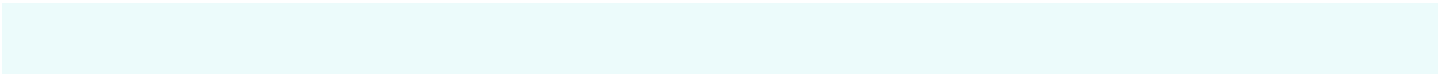
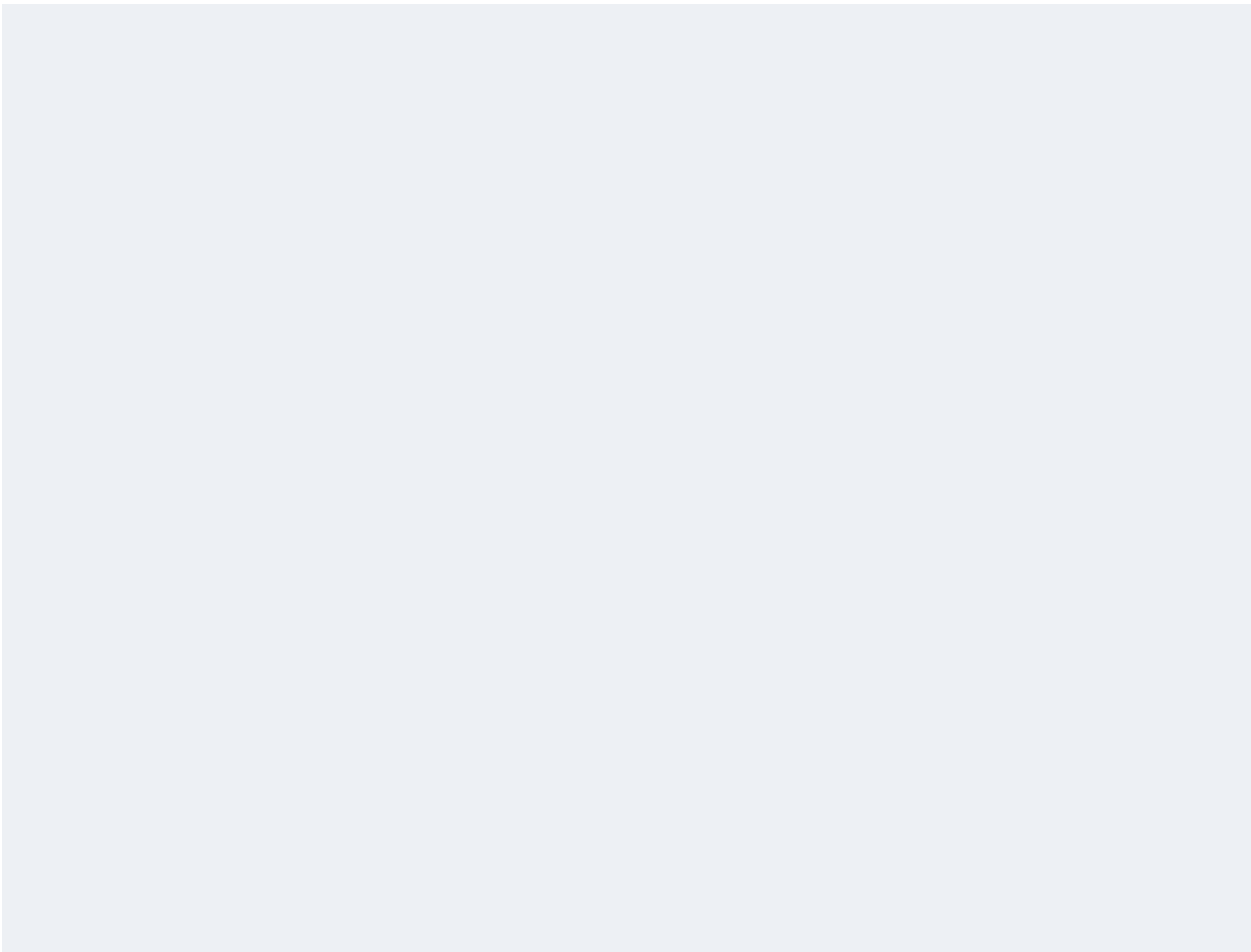


Attrition EDA Analysis

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After working and performing EDA on the Dataset of Attrition in a Company we found a few things :

1. Most of the people leaving the company lie between 20 to 40 and that to majorly people under 30 ,which is a big problem and should be resolved By the higher management as soon as possible .
2. The other thing to be noted and could be related with the above mention problems well is many people with martial status as “Single” are leaving the most and data shows fall in attrition for people with martial status as “Married”.
We can infer from this that people tend to get settle down as they get married and are more tend to leave company when they are single ,can be reason why lot of data for attrition was shown towards people with age group below 25 .
3. If we go Department wise the most attrition was seen for the sales department , One of the major reason that was seen for this being was over time .
4. This brings us to one of our major factors for Attrition ,maximum people who are leaving the company most of the fields are working overtime ,and in sales more than 50 percent of people who left are people working overtime.
5. Relationship with the manager with 2 and below is shown to be a good reason for Attrition for the Sales Depart but this is Completely opposite for the depart of HR as somehow people with the best relationship with their manager is shown to be the one who are leaving the most .
6. One of the reason we found that in HR department low Environment Satisfaction is one of the reason why many of them are leaving as maximum people who lest the department is showing 1 and less than 1 rating .
7. Close to 50 percent people with StockOptionLevel of Zero in the Department of Sales left the company .
8. Attrition rate of males are higher then the female .



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