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EDA performed on the data

1. Compute the correlation matrix and find the two most significant features that affect Persistency\_Flag, which are Dexa\_During\_Rx and Dexa\_Freq\_During\_Rx.
2. For Dexa\_During\_Rx, we plot a histplot: ![Chart, treemap chart

   Description automatically generated]().
3. For Dexa\_Freq\_During\_Rx, we plot a lineplot: ![Chart

   Description automatically generated]().

Final Recommendation

1. Dexa\_During\_Rx:
   1. N values will be more likely to result in Non-Persistant Persistency\_Flag.
   2. Y values will be more likely to result in Persistant Persistency\_Flag.
2. Dexa\_Freq\_During\_Rx:
   1. If the values are around 4 to 11, Persistency\_Flag is more likely to be Persistent.