DATASET TELECOM CHURN

The datasets *TelecomChurn* have the following variables:

1. Churn: 1 if customer cancelled service, 0 if not
2. AccountWeeks: number of weeks customer has had active account
3. ContractRenewal: 1 if customer recently renewed contract, 0 if not
4. DataPlan: 1 if customer has data plan, 0 if not
5. CustServCalls: number of calls into customer service
6. DayMins: average daytime minutes per month
7. DayCalls: average number of daytime calls
8. MonthlyCharge: average monthly bill

Perform a pre-processing analysis to capture some NA or some outliers. Accordingly, decide if remove the corresponding record (row).

Estimate the best model to predict the probability of churning for a customer.

Estimate the probability of churning for 3 customers with the following characteristics:

AccountWeeks	123	159	185
ContractRenewal	NO	NO	NO
DataPlan	NO	NO	NO
CustServCalls	4	5	2
DayMins	65.4	173.2	203.2
DayCalls	65	75	84
MonthlyCharge	41.4	64.5	89.8