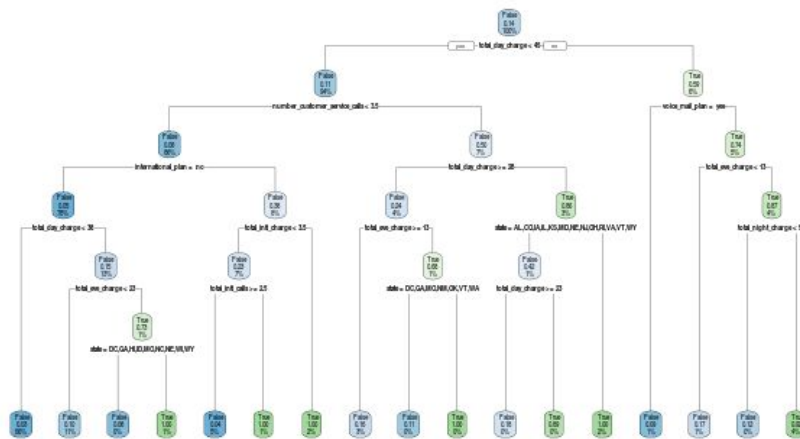# Project 3

Review:

1. account_length: Higher value means more usage, less chance of churning.
2. state: In some regions due to low signal connectivity they might leave.
3. area_code: Same analogy of State goes for the area_code.
4. International_plan: If using international plans, higher cost might lead to churning.
5. voice_mail_plan: Same explanation of International_plan.
6. number_vmail_messages: more messages means more money which might result in churning.
7. total_day_calls: More calls means more usage which decreases the chance of churning.
8. total_day_minutes: same reason of total_day_calls.
9. total_day_charge: more the charge more is the chance of churning.
10. total_eve_calls: same as total_day_calls.
11. total_eve_minutes: same reason of total_day_calls.
12. total_eve_charge: same reason of total_day_charge.
13. total_night_calls: same as total_day_calls.
14. total_night_minutes: same reason of total_day_calls.
15. total_night_charge: same reason of total_day_charge.
16. total_intl_calls: same as total_day_calls.
17. total_intl_minutes: same reason of total_day_calls.
18. total_intl_charge: same reason of total_day_charge.
19. Number_customer_service_calls: due to more calls the customer might be frustrated which might result in churning.

If we talk for more time more, more is the charge. Correlation is 0.999998.
So we can remove number of minutes.

Remaining questions are documented in code