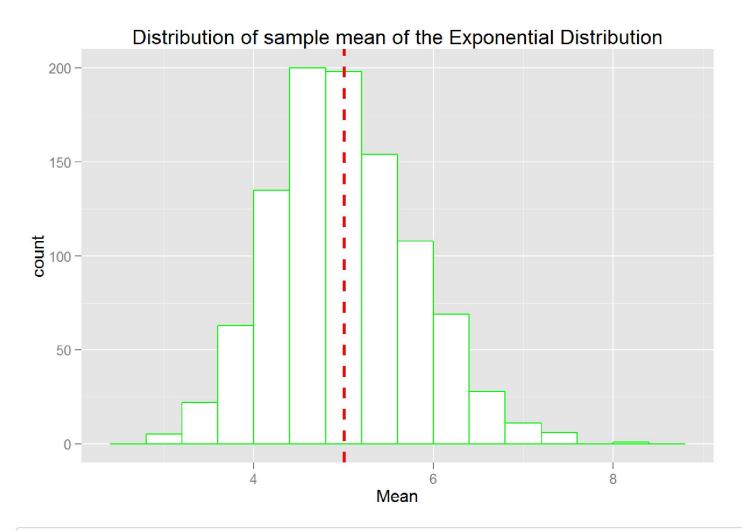
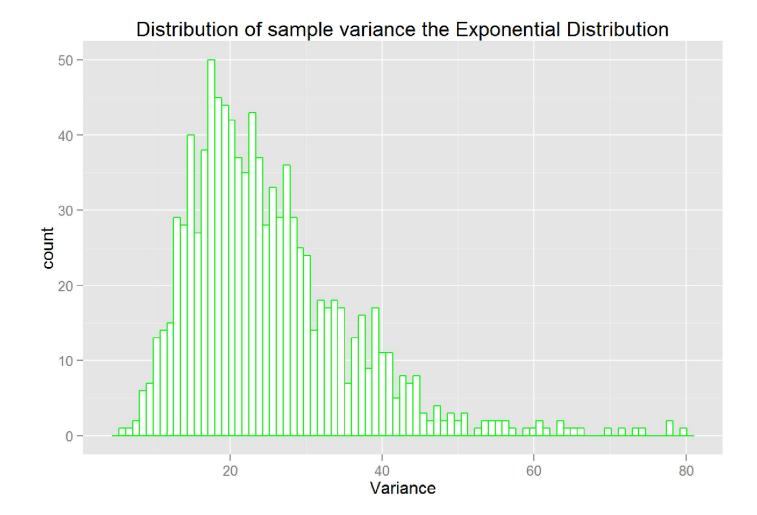
Statistical Inference_Simulation Exercise



Mean of this Distribution is 5.007076

Theoretical mean of this distribution is : 5

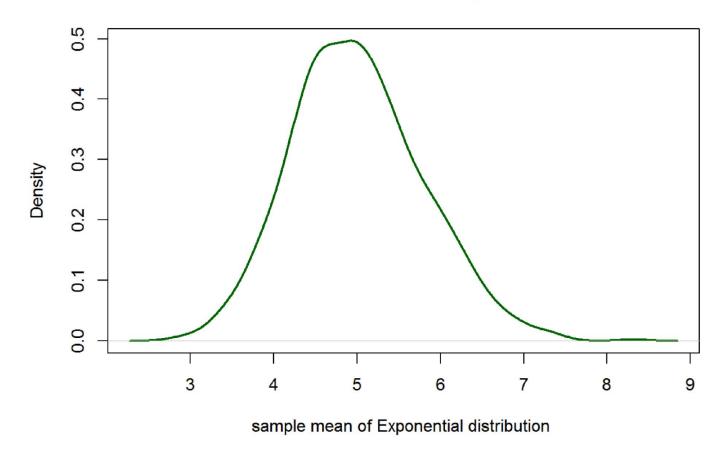
Warning: position_stack requires constant width: output may be incorrect



variance of this sampling Distribution is (center of the mass /no. of simulations) 0.0252465

Theoretical variance of Exponential distribution is: 0.025

Distribution of the Sample Mean



The above distribution curve shows that simumations that we did is approximately NORMAL.