

Milestone 7 confidence interval for casual \$ regi

$$\text{avg_cas} = \text{mean}(\text{hour\$casual}) = 35.67622$$

$$s = \text{sd}(\text{hour\$casual}) = 49.30503$$

$$\text{for } n = 17.379$$

$$t = \text{qt}(0.05/2, n-1) = 1.960101$$

$$\text{avg_cas} - t \cdot s / \sqrt{n} = 34.94313$$

$$\text{avg_cas} + t \cdot s / \sqrt{n} = 36.40931$$
$$[34.94313, 36.40931]$$

~~avg_cas~~

$$\text{avg_cas} = \text{mean}(\text{hour\$registered}) = 153.7859$$

$$s = \text{sd}(\text{hour\$registered}) = 151.3573$$

$$t = -\text{qt}(0.05/2, n-1) = 1.960101$$

$$\text{avg_cas} - t \cdot s / \sqrt{n} = 151.5364$$