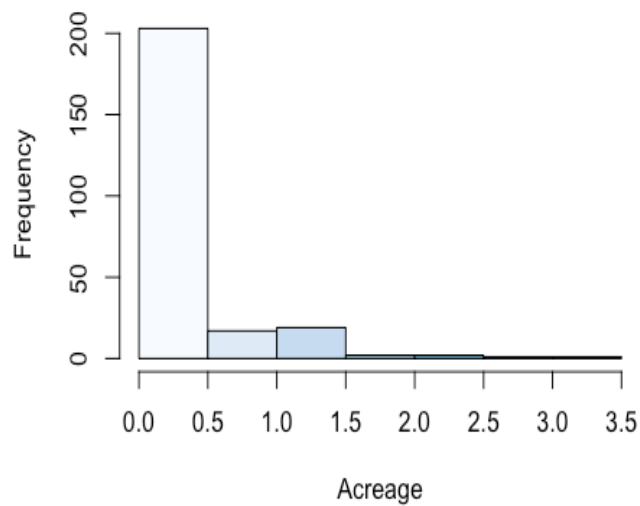


## Case Study #1

In a study of real estate listings, the average acreage was 0.37, or just over one-third of an acre, for 245 recent listings in the Mount Pleasant area. The data source used for the study was Mount Pleasant Real Estate Data. Prior to obtaining the sample data of the 245 listings, researchers hypothesized that average property acreage in this area is not one-quarter acre. In testing this hypothesis, there was sufficient evidence to support the claim at a 99% confidence level ( $t(244) = 4.2138, p < 0.01$ ).

**Real Estate Acreage**



**Normal Q-Q Plot**

