## CONDO Sample 1 Hypothesis Test STAT I, MAT123, Project Part 2, © 2025, A. Azzolino

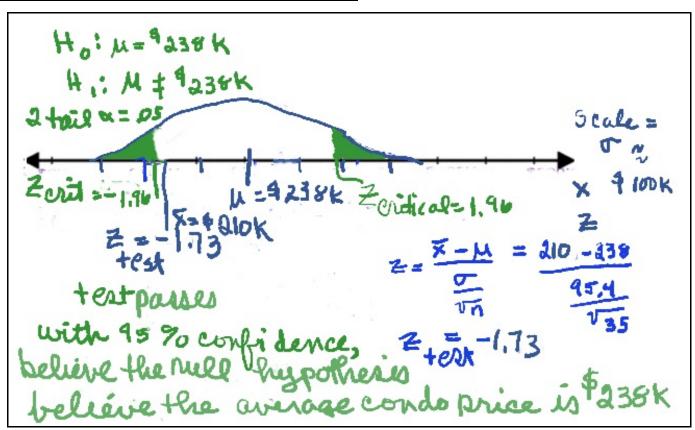
In a sample of 35 properties, the average price of a condo is \$210,000, but prices range from a high of \$335,00 to a low of \$175,000.

The inner quartile range, the middle 50% of the sale prices, is from \$85,000, from \$260,000 down to \$175,000. The costliest condo sold at \$335,000 and the least expensive property sold at \$89,990 (just below \$90,000).

The standard deviation was about \$67,000.

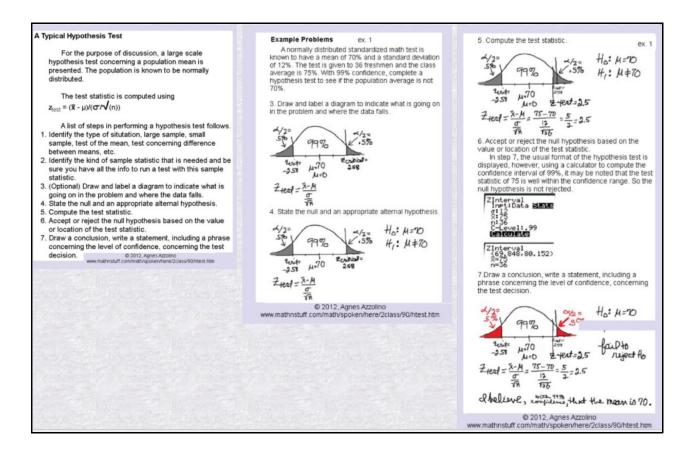
Condo Null Hypothises				
Population,	sale_price			
μ, population mean	238,028.96			
<b>σ</b> , standard de∨iation	95,382.32			

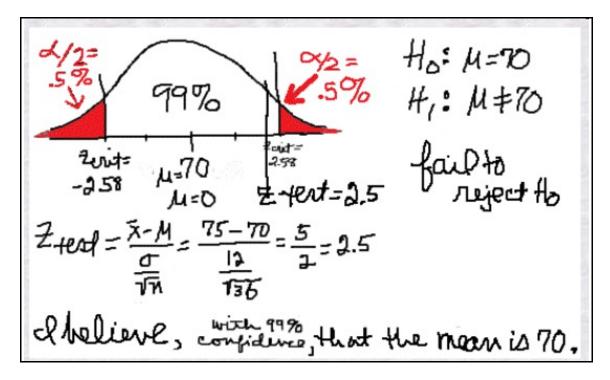
Information about all condos in Edison reported, the population mean, mu, was \$238, 028.96 and population standard deviation, sigma, was \$95,382.32.



Based on a 2-tail hypothesis test with 95% confidence, this statistician believes the average condo price inEdison is \$210,000.

## Notes and the sample follow





Condo 175,125.00 mean condo.sample.01.no: 35, 37 Row-Town House st deviation 85,029.59 Sample Name property # sale\_price property # condo.sample.01.no: 235,250 89,990 condo.sample.01.no: 265,000 90,990 condo.sample.01.no: 210,000 90,990 condo.sample.01.no: 260,000 90,990 condo.sample.01.no: 5 89,990 91,990 condo.sample.01.no: 192,000 91,990 condo.sample.01.no: 190,281 115,000 condo.sample.01.no: 153,900 153,900 condo.sample.01.no: 269,000 175,000 condo.sample.01.no: 10 225,000 10 183,000 condo.sample.01.no: 11 253,000 187,341 11 condo.sample.01.no: 12 227,000 12 190,281 condo.sample.01.no: 13 90,990 13 192,000 284,000 196,000 condo.sample.01.no: 14 14 197,900 condo.sample.01.no: 15 175,000 15 231,500 200,000 condo.sample.01.no: 16 16 condo.sample.01.no: 17 91,990 17 207,500 condo.sample.01.no: 18 91,990 210,000 18 condo.sample.01.no: 19 207,500 19 225,000 20 246,500 226,000 condo.sample.01.no: 20 condo.sample.01.no: 21 183,000 21 227,000 22 90,990 231,500 condo.sample.01.no: 22 condo.sample.01.no: 23 238,000 23 235,250 condo.sample.01.no: 24 335,000 238,000 24 condo.sample.01.no: 25 226,000 25 246,500 condo.sample.01.no: 26 196,000 26 253,000 27 200,000 27 260,000 condo.sample.01.no: condo.sample.01.no: 28 187,341 28 265,000 condo.sample.01.no: 29 268,000 29 268,000 90,990 269,000 condo.sample.01.no: 30 30 31 270,000 270,000 condo.sample.01.no: 31 condo.sample.01.no: 32 286,000 32 270,000 197,900 284,000 condo.sample.01.no: 33 33 270,000 286,000 condo.sample.01.no: 34 34 condo.sample.01.no: 35 115,000 335,000 35