# Excel 2013 Stats Analysis, Part 3: Distribution

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**Prerequisites:** This course assumes some familiarity with Microsoft Excel. This course is part of 4 courses; Excel 2013 Statistical Analysis: Introduction; Excel 2013 Statistical Analysis: Charts & Variance; Excel 2013 Statistical Analysis: Z-Scores and Distribution and Excel 2013 Statistical Analysis: Hypothesis Testing. Please be sure to view the courses in order if you are new to the material.

**Runtime:** 01:00:15

**Course description:** Master statistical analysis with Excel 2013 with this four part learning series of courses . Big data is big business, and many professionals are turning to Excels data analysis tools to help them make sense of their organizational data. Now, you can learn the ins and outs of statistical analysis with Excel – from importing data to utilizing Pivot Tables – with Statistical Analysis with Excel 2013 Advanced Skills. Understand Excels data analysis capabilities and how they can be applied in your organization. Work with data, normal distributions, hypothesis testing, variances, rank, and percentiles. Take advantage of formulas, Pivot Tables, dashboards, and reporting tools to display your data.

**Course outline:**

**Z-Scores**
- Introduction
- Z-Score
- Z-Score Process
- Normal Distribution
- Z-Scores & Normality
- IQ Distribution
- More IQ Distribution
- Summary

**Normal Distribution**
- Introduction
- Working with Normal Distribution
- Normal Distribution Functions
- Other Functions
- Summary

**Sampling Distribution**
- Introduction
- Applying the Normal Distribution
- Sampling Distribution
- Sampling Distribution Tendencies
- Sampling Histogram
- Central Limit Theorem
- Summary