

Introduction to Statistics by Khan Academy

The Average (covers mean, median and mode)

https://www.youtube.com/watch?v=uhxtUt_-GyM&list=PLGcvh64d5a4HfGkm8O4SlqbrS5HFaaM3B

Sample vs. Population Mean

https://www.youtube.com/watch?v=hsPCte_PcVA&index=2&list=PLGcvh64d5a4HfGkm8O4SlqbrS5HFaaM3B

Variance of a Population

<https://www.youtube.com/watch?v=6JFz1DDyyk&index=3&list=PLGcvh64d5a4HfGkm8O4SlqbrS5HFaaM3B>

Sample Variance

<https://www.youtube.com/watch?v=Qf3RMGXR-h8&index=4&list=PLGcvh64d5a4HfGkm8O4SlqbrS5HFaaM3B>

Standard Deviation

<https://www.youtube.com/watch?v=HvDqbzu0i0E&index=5&list=PLGcvh64d5a4HfGkm8O4SlqbrS5HFaaM3B>

Regression Line Example

<https://www.youtube.com/watch?v=GAmzwlkGFqE>

R-Squared or Coefficient of Determination

<https://www.youtube.com/watch?v=Ing4ZqConCM&list=PL7FCBC940F3067FD0&index=3>

Hypothesis Testing and P-Values

<https://www.youtube.com/watch?v=-FtlH4svqx4&list=PLGcvh64d5a4HfGkm8O4SlqbrS5HFaaM3B&index=37>

One-Tailed and Two-Tailed Tests

https://www.youtube.com/watch?v=mvye6X_0upA&list=PLGcvh64d5a4HfGkm8O4SlqbrS5HFaaM3B&index=38

Chi-Square Distribution Introduction

<https://www.youtube.com/watch?v=dXB3cUGnaxQ>

Pearson's Chi Square Test (Goodness of Fit)

<https://www.youtube.com/watch?v=2QeDRsxSF9M>

ANOVA 1 - Calculating SST (Total Sum of Squares)

https://www.youtube.com/watch?v=EFdIFoHI_0l&list=PL7FCBC940F3067FD0

ANOVA 2 - Calculating SSW and SSB (Total Sum of Squares Within and Between)

<https://www.youtube.com/watch?v=i9ZPMIVHJVs&list=PL7FCBC940F3067FD0&index=2>