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| Statistics | |
| **SOURCE: 01** | **Ed-Excel A-Level Statistics-1** | |
| 01 | [Mathematical Models](https://www.youtube.com/watch?v=K4x9O9Zz-dk&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=1&pp=iAQB) | |
| 02 | Representation and Summary of Data – 1 | |
| 03 | Representation and Summary of Data – 2 | |
| 04 | Representation and Summary of Data – 3 | |
| 05 | Representation and Summary of Data – 4 | |
| 06 | Representation and Summary of Data – 5 | |
|  | Representation and Summary of Data – 6 | |
|  | Representation and Summary of Data – 7 | |
|  | Representation and Summary of Data – 8 | |
|  | Representation and Summary of Data – 9 | |
|  | Representation and Summary of Data – 10 | |
|  | Probability – 1 | |
|  | Probability – 2 | |
|  | Probability – 3 | |
|  | Probability – 4 | |
|  | Probability – 5 | |
|  | Probability – 6 | |
|  | Probability – 7 | |
|  | Question and Answer | |
|  | Correlation and Regression – 1 | |
|  | Correlation and Regression – 2 | |
|  | Correlation and Regression – 3 | |
|  | Correlation and Regression – 4 | |
|  | Discrete Random Variable – 1 | |
|  | Discrete Random Variable – 2 | |
|  | Discrete Random Variable – 3 | |
|  | Discrete Random Variable – 4 | |
|  | Discrete Random Variable – 5 | |
|  | Normal Distribution – 1 | |
|  | Normal Distribution – 2 | |
|  | Normal Distribution – 3 | |
|  | Normal Distribution – 4 | |
|  | Normal Distribution – 5 | |
|  | Question and Answer | |
| **SOURCE: 01** | **Ed-Excel A-Level Statistics-2** | |
|  | Binomial Distributions – 1 | |
|  | Binomial Distributions – 2 | |
|  | Binomial Distributions – 3 | |
|  | Poisson Distributions – 1 | |
|  | Poisson Distributions – 2 | |
|  | Poisson Distributions – 3 | |
|  | Poisson Distributions – 4 | |
|  | Approximations – 1 | |
|  | Approximations – 2 | |
|  | Approximations – 3 | |
|  | Continuous Random Variable – 1 | |
|  | Continuous Random Variable – 2 | |
|  | Continuous Random Variable – 3 | |
|  | Continuous Random Variable – 4 | |
|  | Continuous Uniform Distributions – 1 | |
|  | Continuous Uniform Distributions – 2 | |
|  | Sampling and Sampling Distribution – 1 | |
|  | Sampling and Sampling Distribution – 2 | |
|  | Hypothesis Testing – 1 | |
|  | Hypothesis Testing – 2 | |
|  | Hypothesis Testing – 3 | |
|  | Hypothesis Testing – 4 | |

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| Statistics | |
| **SOURCE: 01** | **Probability and Statistics (GATE EXAM)** | |
| 01 | [Fundamental Principle of Counting – Basic Permutation](https://www.youtube.com/watch?v=Q_u3Lt5AV3c&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=1&pp=iAQB) | |
| 02 | Basic Formula of Factorial and Permutations | |
| 03 | Restricted Permutation | |
| 04 | Permutation with Repetition | |
| 05 | Circular Permutation | |
| 06 | Basic and Restricted Combination | |
| 07 | Combination Techniques | |
| 08 | Basic Probability | |
| 09 | Algebra of Events | |
| 10 | Conditional Probability | |
| 11 | Multiplication Law of Probability | |
| 12 | Independent Events with Examples | |
| 13 | Law of Total Probability | |
| 14 | BAYES Theorem | |
| 15 | Random Variable | |
| 16 | Mean, Variance and Standard Deviation of Distribution | |
| 17 | Discrete and Continuous Random Variable | |
| 18 | Binomial or Bernoulli Distribution | |
| 19 | Mean, Median and Mode | |
| 20 | Poisson Distribution | |
| 21 | Mean, Median and Mode of Grouped Data | |
| 22 | Properties of Mean, Median and Mode | |
| 23 | Basic Integration of CRV | |
| 24 | Normal Distribution | |
| 25 | General Continuous | |
| 26 | Uniform Distribution | |
| 27 | Exponential Distribution | |
| 28 | Correlation | |
| 29 | Coefficient of Correlation | |
| 30 | Regression | |
| 31 | Regression Between Tow Lines | |
| 32 | T-Distribution | |
| 33 | Chi Squared Distribution | |
| 34 | Hypothesis | |
| 35 | T-Test Part-1 | |
| 36 | T-Test Part-2 | |
| 37 | T-Test Part-3 | |
| 38 | T-Test Part-4 | |
| 39 | Introduction to Z-Test | |
| 40 | Z-Test – To Test Number of Success | |
| 41 | Z-Test – To Test Proportion of Success | |
| 42 | Z-Test – Test for Difference Between Proportion | |
| 43 | Central Limit Theorem | |
| 44 | Chi Square Test | |