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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](https://www.youtube.com/watch?v=-9sZ27XfmOs&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=2&pp=iAQB) | |
| 03 | [Representation and Summary of Data – 2](https://www.youtube.com/watch?v=9fYlutJOEq4&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=3&pp=iAQB) | |
| 04 | [Representation and Summary of Data – 3](https://www.youtube.com/watch?v=eV4I4t1JIWE&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=4&pp=iAQB) | |
| 05 | [Representation and Summary of Data – 4](https://www.youtube.com/watch?v=Yc3uDET6QoM&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=5&pp=iAQB) | |
| 06 | [Representation and Summary of Data – 5](https://www.youtube.com/watch?v=7giC50oGZyk&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=6&pp=iAQB) | |
| 07 | [Representation and Summary of Data – 6](https://www.youtube.com/watch?v=Ycsopk8J-u0&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=7&pp=iAQB) | |
| 08 | [Representation and Summary of Data – 7](https://www.youtube.com/watch?v=Qa3RH6zmrpk&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=8&pp=iAQB) | |
| 09 | [Representation and Summary of Data – 8](https://www.youtube.com/watch?v=b0TsaRy7Ceg&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=9&pp=iAQB) | |
| 10 | [Representation and Summary of Data – 9 | Review](https://www.youtube.com/watch?v=zxhm2yMzFss&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=10&pp=iAQB) | |
| 11 | [Representation and Summary of Data – 10](https://www.youtube.com/watch?v=QnEeKfW-yIM&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=11&pp=iAQB) | |
| 12 | [Probability – 1](https://www.youtube.com/watch?v=QiJniEAb2gQ&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=12&pp=iAQB) | |
| 13 | [Probability – 2](https://www.youtube.com/watch?v=ujo2sDifwJs&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=13&pp=iAQB) | |
| 14 | [Probability – 3](https://www.youtube.com/watch?v=VpjWdOxGQcQ&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=14&pp=iAQB) | |
| 15 | [Probability – 4](https://www.youtube.com/watch?v=laWylB6gzSw&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=15&pp=iAQB) | |
| 16 | [Probability – 5](https://www.youtube.com/watch?v=C1kTxPiMvUM&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=16&pp=iAQB) | |
| 17 | [Probability – 6](https://www.youtube.com/watch?v=3LNxeBPmaBw&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=17&pp=iAQB) | |
| 18 | [Probability – 7](https://www.youtube.com/watch?v=_xMDYvLQ8jA&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=18&pp=iAQB) | |
| 19 | [Question and Answer](https://www.youtube.com/watch?v=7sd2kdxCGVw&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=19&pp=iAQB) | |
| 20 | [Correlation and Regression – 1](https://www.youtube.com/watch?v=MU4l4I14-Bk&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=20&pp=iAQB) | |
| 21 | [Correlation and Regression – 2](https://www.youtube.com/watch?v=IGrtDLU16JA&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=21&pp=iAQB) | |
| 22 | [Correlation and Regression – 3](https://www.youtube.com/watch?v=IvR_tGo3Ccw&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=22&pp=iAQB) | |
| 23 | [Correlation and Regression – 4 | Challenge Questions](https://www.youtube.com/watch?v=_aXEmjfJJLI&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=23&pp=iAQB) | |
| 24 | [Discrete Random Variable – 1](https://www.youtube.com/watch?v=kCjnJSKyqrU&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=24&pp=iAQB) | |
| 25 | [Discrete Random Variable – 2](https://www.youtube.com/watch?v=wgOxwGA-xno&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=25&pp=iAQB) | |
| 26 | [Discrete Random Variable – 3](https://www.youtube.com/watch?v=Yr-txNlaOzQ&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=26&pp=iAQB) | |
| 27 | [Discrete Random Variable – 4](https://www.youtube.com/watch?v=tdJjS754Oyc&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=27&pp=iAQB) | |
| 28 | [Discrete Random Variable – 5 | Challenge Question](https://www.youtube.com/watch?v=Qjq8j2F0UkU&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=28&pp=iAQB) | |
| 29 | [Normal Distribution – 1](https://www.youtube.com/watch?v=mZjQ11As8uc&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=29&pp=iAQB) | |
| 30 | [Normal Distribution – 2](https://www.youtube.com/watch?v=gwJaOSRA9Ec&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=30&pp=iAQB) | |
| 31 | [Normal Distribution – 3](https://www.youtube.com/watch?v=mIVtjL7QWN8&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=31&pp=iAQB) | |
| 32 | [Normal Distribution – 4](https://www.youtube.com/watch?v=V_RfrO76Rjs&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=32&pp=iAQB) | |
| 33 | [Normal Distribution – 5 | Challenge Question](https://www.youtube.com/watch?v=HykLEsXb4Lo&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=33&pp=iAQB) | |
| 34 | [A Level Statistics 1 Past Paper – January 2023](https://www.youtube.com/watch?v=claQbRFMWy0&list=PLlcvR9uyH6_X8IIFTvsjy9dJW6Lc4QdIq&index=35&pp=iAQB) | |
| **SOURCE: 02** | **Ed-Excel A-Level Statistics-2** | |
| 01 | [Binomial Distributions – 1](https://www.youtube.com/watch?v=z_MR0O2ufzo&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=1&pp=iAQB) | |
| 02 | [Binomial Distributions – 2](https://www.youtube.com/watch?v=fMG5aUsLQaE&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=2&pp=iAQB) | |
| 03 | [Binomial Distributions – 3](https://www.youtube.com/watch?v=aYxFguIxTKg&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=3&pp=iAQB) | |
| 04 | [Poisson Distributions – 1](https://www.youtube.com/watch?v=32fymGZ1XMA&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=4&pp=iAQB) | |
| 05 | [Poisson Distributions – 2](https://www.youtube.com/watch?v=Ace16uUmy9s&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=5&pp=iAQB) | |
| 06 | [Poisson Distributions – 3](https://www.youtube.com/watch?v=AkX5O7ldTQk&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=6&pp=iAQB) | |
| 07 | [Poisson Distributions – 4](https://www.youtube.com/watch?v=I4NpJI089kA&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=7&pp=iAQB) | |
| 08 | [Approximations – 1](https://www.youtube.com/watch?v=Pe_2n32701g&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=8&pp=iAQB) | |
| 09 | [Approximations – 2](https://www.youtube.com/watch?v=XOQ-nKYG7cI&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=9&pp=iAQB) | |
| 10 | [Approximations – 3](https://www.youtube.com/watch?v=T_qiTveUMeM&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=10&pp=iAQB) | |
| 11 | [Continuous Random Variable – 1](https://www.youtube.com/watch?v=hRcNdJVWl1U&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=11&pp=iAQB) | |
| 12 | [Continuous Random Variable – 2](https://www.youtube.com/watch?v=FnHUbHjce94&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=12&pp=iAQB) | |
| 13 | [Continuous Random Variable – 3](https://www.youtube.com/watch?v=8tcVMsZv29Y&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=13&pp=iAQB) | |
| 14 | [Continuous Random Variable – 4](https://www.youtube.com/watch?v=W4k5L7h3iJk&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=14&pp=iAQB) | |
| 15 | [Continuous Uniform Distributions – 1](https://www.youtube.com/watch?v=__5svUaa4E8&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=15&pp=iAQB) | |
| 16 | [Continuous Uniform Distributions – 2](https://www.youtube.com/watch?v=6JLEbzID8KE&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=16&pp=iAQB) | |
| 17 | [Sampling and Sampling Distribution – 1](https://www.youtube.com/watch?v=4HYeJBQM8Lc&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=17&pp=iAQB) | |
| 18 | [Sampling and Sampling Distribution – 2](https://www.youtube.com/watch?v=j6raVtyJH-c&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=18&pp=iAQB) | |
| 19 | [Hypothesis Testing – 1](https://www.youtube.com/watch?v=T0516hP1fu0&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=19&pp=iAQB) | |
| 20 | [Hypothesis Testing – 2](https://www.youtube.com/watch?v=CZue_zHtkhI&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=20&pp=iAQB) | |
| 21 | [Hypothesis Testing – 3](https://www.youtube.com/watch?v=PJ3XMh70l10&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=21&pp=iAQB) | |
| 22 | [Hypothesis Testing – 4](https://www.youtube.com/watch?v=1wqLKwDM2xY&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=22&pp=iAQB) | |
| 23 | [A Level Statistics 2 Past Paper 01/2023](https://www.youtube.com/watch?v=HAEM5CarDlg&list=PLlcvR9uyH6_XAKpM-Ch15Y9z0Xb4PN26c&index=23&pp=iAQB) | |

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| Statistics | |
| **SOURCE: 03** | **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](https://www.youtube.com/watch?v=B_E_3ayWUGA&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=2&pp=iAQB) | |
| 03 | [Restricted Permutation](https://www.youtube.com/watch?v=GlmAVtuIws8&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=3&pp=iAQB) | |
| 04 | [Permutation with Repetition](https://www.youtube.com/watch?v=yJ8_3Yn_LV0&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=4&pp=iAQB) | |
| 05 | [Circular Permutation](https://www.youtube.com/watch?v=GDO8vlZ73o8&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=5&pp=iAQB) | |
| 06 | [Basic and Restricted Combination](https://www.youtube.com/watch?v=kvS-aUiSpiM&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=6&pp=iAQB) | |
| 07 | [Combination Techniques](https://www.youtube.com/watch?v=WHh630e-oOY&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=7&pp=iAQB) | |
| 08 | [Basic Probability](https://www.youtube.com/watch?v=DM_a4kgYqnM&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=8&pp=iAQB) | |
| 09 | [Algebra of Events](https://www.youtube.com/watch?v=LF5Jh4IMjcU&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=9&pp=iAQB) | |
| 10 | [Conditional Probability](https://www.youtube.com/watch?v=bAmIAdhCUzg&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=10&pp=iAQB) | |
| 11 | [Multiplication Law of Probability](https://www.youtube.com/watch?v=5PAXmAHK8ls&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=11&pp=iAQB) | |
| 12 | [Independent Events with Examples](https://www.youtube.com/watch?v=1MxZ1Z59tzc&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=12&pp=iAQB) | |
| 13 | [Law of Total Probability](https://www.youtube.com/watch?v=l2WwMOPzY3E&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=13&pp=iAQB) | |
| 14 | [BAYES Theorem](https://www.youtube.com/watch?v=WOYylyjkq_g&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=14&pp=iAQB) | |
| 15 | [Random Variable](https://www.youtube.com/watch?v=2n1hapVMHL0&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=15&pp=iAQB) | |
| 16 | [Mean, Variance and Standard Deviation of Distribution](https://www.youtube.com/watch?v=1jfHFNSPJO0&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=16&pp=iAQB) | |
| 17 | [Discrete and Continuous Random Variable](https://www.youtube.com/watch?v=cNqb_awlB1A&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=17&pp=iAQB) | |
| 18 | [Binomial or Bernoulli Distribution](https://www.youtube.com/watch?v=IFhvaO_b5ds&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=18&pp=iAQB) | |
| 19 | [Mean, Median and Mode](https://www.youtube.com/watch?v=ecY2x1xU1mE&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=19&pp=iAQB) | |
| 20 | [Poisson Distribution](https://www.youtube.com/watch?v=zv7_EwPyzCo&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=20&pp=iAQB) | |
| 21 | [Mean, Median and Mode of Grouped Data](https://www.youtube.com/watch?v=kzcC53_eOxs&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=21&pp=iAQB) | |
| 22 | [Properties of Mean, Median and Mode](https://www.youtube.com/watch?v=BsmnsDRNsGI&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=22&pp=iAQB) | |
| 23 | [Basic Integration of CRV](https://www.youtube.com/watch?v=oTaTb1EZQ8w&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=23&pp=iAQB) | |
| 24 | [Normal Distribution](https://www.youtube.com/watch?v=4rHwrkc-w9Y&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=24&pp=iAQB) | |
| 25 | [General Continuous](https://www.youtube.com/watch?v=gxQOaeoQ3Sk&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=25&pp=iAQB) | |
| 26 | [Uniform Distribution](https://www.youtube.com/watch?v=n_1Z-HVemP0&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=26&pp=iAQB) | |
| 27 | [Exponential Distribution](https://www.youtube.com/watch?v=y7q9U35R9v8&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=27&pp=iAQB) | |
| 28 | [Correlation](https://www.youtube.com/watch?v=bnkDLLZ-OYM&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=28&pp=iAQB) | |
| 29 | [Coefficient of Correlation](https://www.youtube.com/watch?v=ifTKALS_I8k&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=29&pp=iAQB) | |
| 30 | [Regression](https://www.youtube.com/watch?v=pfsguqnMy08&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=30&pp=iAQB) | |
| 31 | [Regression Between Two Lines](https://www.youtube.com/watch?v=uipGSkbtUow&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=31&pp=iAQB) | |
| 32 | [T-Distribution](https://www.youtube.com/watch?v=VT5pXdFi3Q0&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=32&pp=iAQB) | |
| 33 | [Chi Squared Distribution](https://www.youtube.com/watch?v=4iiCzwoDeEk&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=33&pp=iAQB) | |
| 34 | [Hypothesis](https://www.youtube.com/watch?v=fYAOul1p7g8&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=34&pp=iAQB) | |
| 35 | [T-Test Part-1](https://www.youtube.com/watch?v=XfK5G9OkHys&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=35&pp=iAQB) | |
| 36 | [T-Test Part-2](https://www.youtube.com/watch?v=rPRiuKh0ys4&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=36&pp=iAQB) | |
| 37 | [T-Test Part-3](https://www.youtube.com/watch?v=-fKOBLeQvOc&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=37&pp=iAQB) | |
| 38 | [T-Test Part-4](https://www.youtube.com/watch?v=jcKwUC2k05s&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=38&pp=iAQB) | |
| 39 | [Introduction to Z-Test](https://www.youtube.com/watch?v=Q67Z9jfUcWQ&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=39&pp=iAQB) | |
| 40 | [Z-Test – To Test Number of Success](https://www.youtube.com/watch?v=FyKZ0pmP-ro&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=40&pp=iAQB) | |
| 41 | [Z-Test – To Test Proportion of Success](https://www.youtube.com/watch?v=j8Uh3U80lDk&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=41&pp=iAQB) | |
| 42 | [Z-Test – Test for Difference Between Proportion](https://www.youtube.com/watch?v=zmJl1aDb_1g&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=42&pp=iAQB) | |
| 43 | [Central Limit Theorem](https://www.youtube.com/watch?v=NJsK7wvDk6E&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=43&pp=iAQB) | |
| 44 | [Chi Square Test](https://www.youtube.com/watch?v=eGblJ-VFwE8&list=PLxCzCOWd7aiFjZP4z1_3Kr3m3J5wu5Q8V&index=44&pp=iAQB) | |