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| **Sr. No.** | **Topic** |
|  | [Need of statistics in Data Science](https://www.google.com/search?q=Need+of+statistics+in+Data+Science&rlz=1C1VDKB_enIN991IN991&oq=Need+of+statistics+in+Data+Science&gs_lcrp=EgZjaHJvbWUyCQgAEEUYORiABDIHCAEQABiABDIICAIQABgWGB4yCAgDEAAYFhgeMg0IBBAAGIYDGIAEGIoFMg0IBRAAGIYDGIAEGIoFMg0IBhAAGIYDGIAEGIoFMgcIBxAAGO8FMgcICBAAGO8FMgoICRAAGIAEGKIE0gEIMTM5N2owajSoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | [Measures of Central Tendency: Mean, Median, Mode, Mid-range](https://www.google.com/search?q=Measures+of+Central+Tendency%3A+Mean%2C+Median%2C+Mode%2C+Mid-range&rlz=1C1VDKB_enIN991IN991&oq=Measures+of+Central+Tendency%3A+Mean%2C+Median%2C+Mode%2C+Mid-range&gs_lcrp=EgZjaHJvbWUyBggAEEUYOdIBBzgwOGowajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | [Measures of Dispersion: Range, Variance, Mean Deviation, Standard Deviation](https://www.google.com/search?q=Measures+of+Dispersion%3A+Range%2C+Variance%2C+Mean+Deviation%2C+Standard+Deviation&rlz=1C1VDKB_enIN991IN991&oq=Measures+of+Dispersion%3A+Range%2C+Variance%2C+Mean+Deviation%2C+Standard+Deviation&gs_lcrp=EgZjaHJvbWUyBggAEEUYOdIBBzM3M2owajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | [Bayes theorem](https://www.google.com/search?q=bayes+theorem+in+data+science&rlz=1C1VDKB_enIN991IN991&oq=Bayes+theorem+&gs_lcrp=EgZjaHJvbWUqDAgCEAAYFBiHAhiABDIHCAAQABiPAjITCAEQABiDARiRAhixAxiABBiKBTIMCAIQABgUGIcCGIAEMg0IAxAAGJECGIAEGIoFMgwIBBAAGBQYhwIYgAQyDQgFEAAYgwEYsQMYgAQyBggGEEUYOTIHCAcQABiABDIHCAgQABiABDIHCAkQABiABNIBCDI1MjVqMGo5qAIAsAIA&sourceid=chrome&ie=UTF-8) |
|  | [Basics and need of hypothesis and hypothesis testing](https://www.google.com/search?q=Basics+and+need+of+hypothesis+and+hypothesis+testing&rlz=1C1VDKB_enIN991IN991&oq=Basics+and+need+of+hypothesis+and+hypothesis+testing&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIGCAEQIxgnMg0IAhAAGIYDGIAEGIoFMg0IAxAAGIYDGIAEGIoFMg0IBBAAGIYDGIAEGIoFMgcIBRAAGO8FMgoIBhAAGIAEGKIEMgoIBxAAGIAEGKIEMgoICBAAGIAEGKIEMgoICRAAGIAEGKIE0gEIMTU0MmowajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |
|  | [Pearson Correlation](https://www.google.com/search?q=pearson+correlation+data+science&rlz=1C1VDKB_enIN991IN991&oq=Pearson+Correlation+da&gs_lcrp=EgZjaHJvbWUqCAgEEAAYFhgeMgYIABBFGDkyDAgBEAAYFBiHAhiABDIMCAIQABgUGIcCGIAEMggIAxAAGBYYHjIICAQQABgWGB4yCAgFEAAYFhgeMggIBhAAGBYYHjIICAcQABgWGB4yCAgIEAAYFhgeMggICRAAGBYYHtIBCDU3ODNqMGo5qAIAsAIB&sourceid=chrome&ie=UTF-8) |
|  | [Sample Hypothesis testing,](https://www.google.com/search?q=sample+hypothesis+testing+in+data+science&rlz=1C1VDKB_enIN991IN991&oq=Sample+Hypothesis+testing+in+data&gs_lcrp=EgZjaHJvbWUqBwgBECEYoAEyBggAEEUYOTIHCAEQIRigATIHCAIQIRigATIHCAMQIRigATIGCAQQIRgVMgcIBRAhGJ8FMgcIBhAhGJ8FMgcIBxAhGJ8FMgcICBAhGJ8FMgcICRAhGJ8F0gEIODc3NWowajmoAgCwAgE&sourceid=chrome&ie=UTF-8) |
|  | [Chi-Square Tests](https://www.google.com/search?q=chi+square+test+in+data+science&sca_esv=dc6106be4f2539d9&rlz=1C1VDKB_enIN991IN991&sxsrf=AHTn8zqnVy-I4ZWf09YlV-cONLZ56ePEKw%3A1741412666283&ei=OtnLZ_H_EKHE4-EP9PHP4AM&oq=Chi-Square+Tests+in+da&gs_lp=Egxnd3Mtd2l6LXNlcnAiFkNoaS1TcXVhcmUgVGVzdHMgaW4gZGEqAggAMgYQABgWGB4yBhAAGBYYHjIGEAAYFhgeMgYQABgWGB4yBhAAGBYYHjIGEAAYFhgeMgYQABgWGB4yBhAAGBYYHjIGEAAYFhgeMgYQABgWGB5IrypQ5AFYpyFwAXgBkAEAmAGGAqABkQuqAQMyLTa4AQPIAQD4AQGYAgegAtYLwgIHECMYsAMYJ8ICChAAGLADGNYEGEfCAg0QABiABBiwAxhDGIoFwgIEECMYJ8ICBxAAGIAEGArCAgcQABiABBgNmAMAiAYBkAYKkgcFMS4wLjagB8I4&sclient=gws-wiz-serp) |
|  | [t-test](https://www.google.com/search?q=t+test+in+data+science&rlz=1C1VDKB_enIN991IN991&oq=t-test+in+data+s&gs_lcrp=EgZjaHJvbWUqCAgBEAAYFhgeMgYIABBFGDkyCAgBEAAYFhgeMggIAhAAGBYYHjIICAMQABgWGB4yCAgEEAAYFhgeMggIBRAAGBYYHjIICAYQABgWGB4yCAgHEAAYFhgeMggICBAAGBYYHjIICAkQABgWGB7SAQkxNjY0N2owajmoAgCwAgA&sourceid=chrome&ie=UTF-8) |