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| Data Analytics and Business Intelligence | |
| **SOURCE: 01** | **Google Data Analytics Certificate** |
| 01 | [Data Analytics for Beginners](https://www.youtube.com/watch?v=GbL-42kv5LI&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=1&pp=iAQB) |
| 02 | [Introduction to Data Visualization with R and ggplot2](https://www.youtube.com/watch?v=ZPw0dmGuyyE&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=2&pp=iAQB) |
| 03 | [R Markdown with RStudio for Beginners](https://www.youtube.com/watch?v=c7EhBASskXw&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=3&pp=iAQB) |
| 04 | [Working with Data in R](https://www.youtube.com/watch?v=aC009Px4tEg&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=4&pp=iAQB) |
| 05 | [Programming Using RStudio](https://www.youtube.com/watch?v=pdRAKOuS-Wk&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=5&pp=iAQB) |
| 06 | [Programming with R as a Data Analyst](https://www.youtube.com/watch?v=fFkg8iOQ1ck&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=6&pp=iAQB) |
| 07 | [Mastering the Post-Presentation Question and Answer](https://www.youtube.com/watch?v=Qbcw2nwypCI&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=7&pp=iAQB) |
| 08 | [Best Practice for Presenting Data](https://www.youtube.com/watch?v=aEnWzdMU65A&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=8&pp=iAQB) |
| 09 | [Crafting Stories with Data](https://www.youtube.com/watch?v=r8KZGpVns3o&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=9&pp=iAQB) |
| 10 | [Creating Data Visualization with Tableau](https://www.youtube.com/watch?v=o0xG3SjBV0Q&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=10&pp=iAQB) |
| 11 | [The Recipe for Powerful Data Visualization](https://www.youtube.com/watch?v=jur8_iFr5_M&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=11&pp=iAQB) |
| 12 | [Introduction to Data Formatting in Spreadsheets](https://www.youtube.com/watch?v=ofcG687FGsU&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=12&pp=iAQB) |
| 13 | [Introduction to Data Calculations in Spreadsheets and SQL](https://www.youtube.com/watch?v=WutHuhEWG1g&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=13&pp=iAQB) |
| 14 | [Aggregating Data for Analysis](https://www.youtube.com/watch?v=rCytAywQ8Gs&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=14&pp=iAQB) |
| 15 | [Analyze Data to Answer Question](https://www.youtube.com/watch?v=G5sjJ1lwQYs&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=15&pp=iAQB) |
| 16 | [Getting Hired as a Data Analyst](https://www.youtube.com/watch?v=X_bHxrgaqas&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=16&pp=iAQB) |
| 17 | [Data Cleaning in SQL](https://www.youtube.com/watch?v=r7GDQt3lZxs&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=17&pp=iAQB) |
| 18 | [How to Report Your clean Data](https://www.youtube.com/watch?v=ogeSJURbtaw&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=18&pp=iAQB) |
| 19 | [Understanding Data Cleaning](https://www.youtube.com/watch?v=kCP-H8VRDCw&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=19&pp=iAQB) |
| 20 | [Ways to Ensure Data Integrity](https://www.youtube.com/watch?v=9qCfJv-zoyE&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=20&pp=iAQB) |
| 21 | [Create Your Data Analyst Online Presence](https://www.youtube.com/watch?v=TB0e4rnc0Ko&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=21&pp=iAQB) |
| 22 | [Organizing and Protecting Data](https://www.youtube.com/watch?v=aYhM89iu2r0&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=22&pp=iAQB) |
| 23 | [Databases and Metadata for Beginners](https://www.youtube.com/watch?v=W859YW3mFok&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=23&pp=iAQB) |
| 24 | [Ensuring Credibility in Your Data](https://www.youtube.com/watch?v=RRrXq_txBPk&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=24&pp=iAQB) |
| 25 | [Understanding Data Types and Structures](https://www.youtube.com/watch?v=NhwvA5Zqtio&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=25&pp=iAQB) |
| 26 | [Communication Do’s and Don’t for Data Analysts](https://www.youtube.com/watch?v=KR4Fm94nwUs&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=26&pp=iAQB) |
| 27 | [Data Analysis Using Spreadsheets](https://www.youtube.com/watch?v=Hneax8l4rnQ&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=27&pp=iAQB) |
| 28 | [Making Data-driven Decision in Business](https://www.youtube.com/watch?v=EevYFzAqJ2M&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=28&pp=iAQB) |
| 29 | [Problem Solving with Data Analytics](https://www.youtube.com/watch?v=wSct_cbqzpM&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=29&pp=iAQB) |
| 30 | [Coca-Cola: Real-World Data Analytics Example](https://www.youtube.com/watch?v=JIcXC_3Gfow&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=30&pp=iAQB) |
| 31 | [The Power of Data in Business](https://www.youtube.com/watch?v=I189cilHQ9w&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=31&pp=iAQB) |
| 32 | [Spreadsheets and SQL for Beginners](https://www.youtube.com/watch?v=N9Q3pOoVYIM&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=32&pp=iAQB) |
| 33 | [Introduction to Spreadsheets, Databases, and Query Languages](https://www.youtube.com/watch?v=dAyaThLvuug&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=33&pp=iAQB) |
| 34 | [5 Skills for Data Analyst Jobs](https://www.youtube.com/watch?v=CRVgnpda6Y8&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=34&pp=iAQB) |
| 35 | [What are the 5 Cove Concepts of Analytical Thinking](https://www.youtube.com/watch?v=tJX6Ax00Q-A&list=PLTZYG7bZ1u6rcPlcX75pMkjsYY_HTL7aZ&index=35&pp=iAQB) |
| **SOURCE: 02** | **Google Advanced Data Analytics Certificate** |
| 01 | [Data Science for Beginners](https://www.youtube.com/watch?v=4DlsTsqpY84&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=1&pp=iAQB) |
| 02 | [Python for Beginners](https://www.youtube.com/watch?v=sPyZALF1tPc&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=2&pp=iAQB) |
| 03 | [Translate Data Into Insights](https://www.youtube.com/watch?v=e5RLjJvTt_w&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=3&pp=iAQB) |
| 04 | [The Vital Role of Statistics](https://www.youtube.com/watch?v=RjayA3jyXyo&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=4&pp=iAQB) |
| 05 | [Regression Analysis: Simplify Data Relationships](https://www.youtube.com/watch?v=W0Lhv7VNkxk&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=5&pp=iAQB) |
| 06 | [The Nuts and Bolts of Machine Learning](https://www.youtube.com/watch?v=4rbYkemF-RA&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=6&pp=iAQB) |
| 07 | [The Role of Data Professionals](https://www.youtube.com/watch?v=3qTaSoH_WtA&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=7&pp=iAQB) |
| 08 | [Two Categories of Data Careers](https://www.youtube.com/watch?v=C1RJ1oFW874&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=8&pp=iAQB) |
| 09 | [The Fastest-Growing Career](https://www.youtube.com/watch?v=pbBnyQsEsUU&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=9&pp=iAQB) |
| 10 | [3 Key Skills Data Professionals Need for Success](https://www.youtube.com/watch?v=LE4mnzUwq4o&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=10&pp=iAQB) |
| 11 | [High-Paying and Fast-Growing Careers in Data Analytics](https://www.youtube.com/watch?v=d-MFXGw8qCs&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=11&pp=iAQB) |
| 12 | [How to Improve Your LinkedIn Profile](https://www.youtube.com/watch?v=WVnG8Hd6XpU&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=12&pp=iAQB) |
| 13 | [4 Tips to Build Key Work Relationships](https://www.youtube.com/watch?v=q0x3JVOV5cM&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=13&pp=iAQB) |
| 14 | [Preparing For A Data Analyst Career](https://www.youtube.com/watch?v=_bj5YiyjqSs&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=14&pp=iAQB) |
| 15 | [Do You like Customer Service](https://www.youtube.com/watch?v=4pBw0gnbuf0&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=15&pp=iAQB) |
| 16 | [Tips For Leading Your Team at Work](https://www.youtube.com/watch?v=AzMdICfjtxw&list=PLTZYG7bZ1u6r3ymQPbm-mPS39hfAmyliV&index=16&pp=iAQB) |
| **SOURCE: 03** | **Google Business Intelligence Certificate** |
| 01 | [What is Business Intelligence](https://www.youtube.com/watch?v=l98-BcB3UIE&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=1&pp=iAQB) |
| 02 | [Data Models, Data Pipelines and Insights](https://www.youtube.com/watch?v=2-sWd8hUlQE&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=2&pp=iAQB) |
| 03 | [Data Dashboards and Data Reports](https://www.youtube.com/watch?v=YOPNnizkZIM&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=3&pp=iAQB) |
| 04 | [Explore Business Intelligence Careers](https://www.youtube.com/watch?v=yOrk2gQqnC4&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=4&pp=iAQB) |
| 05 | [Create a Winning Business Intelligence Strategy](https://www.youtube.com/watch?v=w65itR6nFT0&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=5&pp=iAQB) |
| 06 | [4 Key Tools for Business Intelligence](https://www.youtube.com/watch?v=xy9JpqBUCps&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=7&pp=iAQB) |
| 07 | [4 Most Common Stakeholders in Business Intelligence](https://www.youtube.com/watch?v=iPfwEjRhm7w&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=8&pp=iAQB) |
| 08 | [The Process of Business Communications](https://www.youtube.com/watch?v=SmUgrF0Hkg8&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=9&pp=iAQB) |
| 09 | [The Poser of Business Intelligence Monitoring](https://www.youtube.com/watch?v=X3Iq1owRDgs&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=10&pp=iAQB) |
| 10 | [The Most Underrated Practice in Data Analytics](https://www.youtube.com/watch?v=MsN9ephdpqo&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=11&pp=iAQB) |
| 11 | [How to Guarantee Reliable Data](https://www.youtube.com/watch?v=lEHrjD9yR64&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=12&pp=iAQB) |
| 12 | [Making Your Business Numbers Matter](https://www.youtube.com/watch?v=WPu1MSQM2X4&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=13&pp=iAQB) |
| 13 | [Business Intelligence for Beginners](https://www.youtube.com/watch?v=yCu0l7eP18s&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=14&pp=iAQB) |
| 14 | [The Difference Between Data Analytics and Business Intelligence](https://www.youtube.com/watch?v=wjILmMxantI&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=15&pp=iAQB) |
| 15 | [What a New Career in Big Data](https://www.youtube.com/watch?v=0X_ht142KKg&list=PLTZYG7bZ1u6r3YwRBuSE7xIMYAiN2Bl85&index=16&pp=iAQB) |