=====================Resources=====================

🎯 Programming Language(Python)

👉 [https://www.w3schools.com/python/](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbDFkM3BEbHgwTDVQQjlrbWRCcmE2Z1llZ0pWd3xBQ3Jtc0tsR0xvNVJwaTd5QzNKY0tnUzRaMUl5NTZ6RTV2RW1IUUNBdGs3U3ZyN2plWEhQTHJmand1ekVNdWRnUzRMcnpqU0xHUS1OZHFHZjNtZXdZSERBM1RtMzBpQkVUZUNEV0p5TDFzSzZ1VEJad3JtdkdMNA&q=https%3A%2F%2Fwww.w3schools.com%2Fpython%2F&v=p_Oqp4C6O38)

🎯 Data Structure

👉 [https://www.geeksforgeeks.org/data-st...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbkJibDFGM1hVeHRrcFROOVRPd183dXFXNV8yQXxBQ3Jtc0trX2xnQzN3MnU3YWliTUVVZEtjYWpqVVcycEJ3NGdPUEJ5bFM4QVFzdWRzajFmZ015bFYteG9RY1FCRk1JbHZwLTFmUFdmYU5zNG5ONjJBc1I4aklWbEdWOFBLX0d6QVQ0SlczMHRNY1ZZVWZHWVN0VQ&q=https%3A%2F%2Fwww.geeksforgeeks.org%2Fdata-structures%2F&v=p_Oqp4C6O38)

🎯 Database Management

👉 [https://www.javatpoint.com/dbms-tutorial](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqa09HR3FaRlNSUFFWVnQ4LTVZRGhzWWNxLVE3d3xBQ3Jtc0ttSmdYeTNNNnRhN3RJSmN5RmNvX0FPSFB0b2xwbE1La0JxRVF2eHJLSGVCdlpMYWgtdWxKalJWNWVxekhDTmgyZ2FTN2N5dm9qTzBvWWk1NUI1UVo5MnhnTlk1UndBRWh3UnhiUmVLOUtROGxFb2J4dw&q=https%3A%2F%2Fwww.javatpoint.com%2Fdbms-tutorial&v=p_Oqp4C6O38)

🎯 SQL

👉 [https://www.w3schools.com/sql](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbmRYM2NZSVFaT25nZFNTWWFPcHoxMk1VaTJPd3xBQ3Jtc0tsTUVMVjFkY0hZaFRucnE3VUdrZ0ZJUVJKTm9wc3NMX0RJYUpkLXZUN0RSVzQ4YzB6VURlWjlXZGFHampLMk5sa0Q2M0hLMS15UEYyd2pVOUFzbVN2bFJtVDF3RUZqMm9XNXpmMkxDZHNJRFlkZnFPRQ&q=https%3A%2F%2Fwww.w3schools.com%2Fsql&v=p_Oqp4C6O38)

🎯 Big Data Fundamentals :

👉 [https://cognitiveclass.ai/learn/big-data](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbkdxeFk3aUw0eVYzczl1OWZSZ0loVmpaZVI0d3xBQ3Jtc0tuRFY1RFp3QWxzdW5pa3RLaW5vTzA4QmpHQmw4RkJGZUJUREZYeVkzdGh0c2t1TG5CMmVXYTN6QnJ1emZwOGhRNzNrVUF4R21ndjI2d2FwRXdYd2NTTGlwMzExVjljUFd0dUhZbGIzbGlkWjlFMzBEdw&q=https%3A%2F%2Fcognitiveclass.ai%2Flearn%2Fbig-data&v=p_Oqp4C6O38)

👉 [https://www.edx.org/course/big-data-f...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbnRTVllFclNmaVRqakFabnNfR2h0c1BnZl81UXxBQ3Jtc0trTi1wamZ2dHRxNy1nS012eFZSUkRzRFY5VWRIZ0p4SkxwRkpKb1dKa0lpZmpjdndZMGpMYVM4SFoyaGdJRGIxSmpHUE5YcXBYbkJHQktMbzhqWFBzYlFIY3lHUnlUZlk2bm5lWHpXZHNCYTRscFBqdw&q=https%3A%2F%2Fwww.edx.org%2Fcourse%2Fbig-data-fundamentals&v=p_Oqp4C6O38)

🎯 Cluster Computing (Hadoop and Spark) :

👉 [https://www.tutorialspoint.com/hadoop...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbXdHSGRkZmd1bF80WHVuLVFVeGxmZmdkU1p0Z3xBQ3Jtc0trd1pGdDJfTkxRYUh2c0wyaW85NnlmMTZlZUxqOHYzbUZxc1hEd2ItUDdDQm5NRFVQd3p5dG5iTENudndQVGMtNEt5WkcwMGVfcXkyR2FnS1d3M0dSN2lzMUVlQ3RFd2l5UkpsN3VSdTAtZnZfLWttYw&q=https%3A%2F%2Fwww.tutorialspoint.com%2Fhadoop%2Findex.htm&v=p_Oqp4C6O38)

👉 [https://www.youtube.com/watch?v=1vbXm...](https://www.youtube.com/watch?v=1vbXmCrkT3Y&t=0s)

👉 [https://www.youtube.com/watch?v=VmO0Q...](https://www.youtube.com/watch?v=VmO0QgPCbZY&t=0s)

🎯 Data Processing :

👉 [https://www.bmc.com/blogs/batch-proce...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbVEweE50R0I2eWZmT1drSTF0QlBBeV85Ym5LZ3xBQ3Jtc0tucjd6djVsam1wTmwxLTJCZWtRckZJLWhoY1hQTGxtRnBmNnJ2R2NydjJPWFYwLU5ZQ0tFZlRSRzhuZFhOcU1CWWRMY2F1TWlZSmk4R1VxN2JIeDNJTUpFN2FRaUxDbFd6YzFJZHk1NC1xak40Vkx4bw&q=https%3A%2F%2Fwww.bmc.com%2Fblogs%2Fbatch-processing-stream-processing-real-time%2F&v=p_Oqp4C6O38)

👉 [https://www.upsolver.com/blog/batch-s...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbm1xVlE2QmRISTBMM0JkTFVVUk9hZ0ZSWmd2Z3xBQ3Jtc0ttdzkxM0UyeVVlV3FROEx4TTlUdFlOMjJ4LVczeTJDbEVBaHJCWFIxQlR1Q0paZXVuenlhRXM5RE9OUzVieEFsVXRrVVVMUzIzMEZqWmt6NDhZTmZvankwdk9mVFJhNWtYN1BNUGlUMmd2TXRhWmZ1WQ&q=https%3A%2F%2Fwww.upsolver.com%2Fblog%2Fbatch-stream-a-cheat-sheet&v=p_Oqp4C6O38)

🎯 Data Warehousing Fundamentals:

👉 [https://www.guru99.com/data-warehousi...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbVViSzU2cW1Lb2ZMN0tYRkJ1c3dTb205QmlqZ3xBQ3Jtc0tuVzQ4UTB2RjdiMnZxbUkxNGpyMkYtYmRlUS1kb0dKRVpWZzJkWXRzY0FWeFpOQmp3QmlESnFRWEVzTXR2ZzhuOHNxdEZKQTZidmw0LXBkbF8wS0VyN196ZkN5dVlrYnNhUWZoeldubV9QSTNrSWs2Zw&q=https%3A%2F%2Fwww.guru99.com%2Fdata-warehousing.html&v=p_Oqp4C6O38)

👉 [https://www.tutorialspoint.com/dwh/dw...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbi1Bbkdibk5pRk5pWjFHU3h5WDJJb1hLbHluQXxBQ3Jtc0trLWhtaTZqLXYtT0dQR2ZwX05GZzI0ZXY2NjNMVDNpRk1HVUl0Tl9veGI0UDZtTVJvWXZFcnRHcW9CZVBpWEQ3M2pXajFoRXFaS05xdlBXejhUMWNBVlFoaHQzZVkwN0pES2xlaWM2SS1QQjRIdmozNA&q=https%3A%2F%2Fwww.tutorialspoint.com%2Fdwh%2Fdwh_data_warehousing.htm&v=p_Oqp4C6O38)

👉 [https://www.astera.com/type/blog/what...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbW02VkpyY1REM3hVMUVIa29Ib3BUcjVYeWl4Z3xBQ3Jtc0tsaFg3RFN0WkNkRlZCZ0xBdm9OX0FqekxZM1psR0lJZjA2Qm1OQklUQ1hJcWdqQ0FIVWoxM0VWbHhEWFZGVXRvRUp5R1Z5YWpneVo4dVI2M1U1QTVSMGM0NzE3eHVwNjA3NU5YWDl4SlQ3aVUzNE04MA&q=https%3A%2F%2Fwww.astera.com%2Ftype%2Fblog%2Fwhat-is-data-warehousing%2F&v=p_Oqp4C6O38)

🎯 Data Transformation and Libraries:

👉 [https://www.youtube.com/watch?v=vmEHC...](https://www.youtube.com/watch?v=vmEHCJofslg&t=0s)

👉 [https://www.youtube.com/watch?v=QUT1V...](https://www.youtube.com/watch?v=QUT1VHiLmmI&t=0s)

👉 [https://www.youtube.com/watch?v=yZTBM...](https://www.youtube.com/watch?v=yZTBMMdPOww&t=0s)

🎯 Data Orchestration (Apache Airflow)

👉 [https://www.youtube.com/watch?v=AHMm1...](https://www.youtube.com/watch?v=AHMm1wfGuHE&t=0s)

👉 [https://airflow.apache.org/](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqay1FY1lmbUR6QXMwajQ1MXpjd2NCdzZFYnBzQXxBQ3Jtc0tudjNTSTNOdV8wdDlmUzZYWW81OTZHT0tZb1VuclpIbkR3elhrY3ZwRUVJVUkzRXJ2eGNUOWszdU5Hd3VCcUdfYXJMQjh1dERBeTZUTG9XNXNQVHVxbDBmOFc0MVVGMnRTdFJLLVVjVUZtSzdmbDc1RQ&q=https%3A%2F%2Fairflow.apache.org%2F&v=p_Oqp4C6O38)

👉 [https://towardsdatascience.com/gettin...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbFV3Vkd3MlI0c0I2X25MdFctTzFmQTRNQnItd3xBQ3Jtc0tscG9HV2psU1k3YlBaSmFCQ0xOLWVjLU1lQjRSbFpxcEJaeGxsSEFUV1d6alhFQTB2UE5iWVBodGNQYTFRTklLcktCSWlHbWg2SW52bF95Szd1UUwzR2w5LVMzZ3dSTDFZV1BPUlBxQzAtREdTeGhkWQ&q=https%3A%2F%2Ftowardsdatascience.com%2Fgetting-started-with-apache-airflow-df1aa77d7b1b&v=p_Oqp4C6O38)

🎯 NoSQL Database

👉 HBase - [https://www.youtube.com/watch?v=NOX6-...](https://www.youtube.com/watch?v=NOX6-nDtrFQ&t=0s)

👉 Cassandra - [https://www.youtube.com/watch?v=iDhIj...](https://www.youtube.com/watch?v=iDhIjrJ7hG0&list=PL9ooVrP1hQOGJ4Yz9vbytkRmLaD6weg8k&index=1&t=0s)

👉 MongoDB - [https://www.youtube.com/watch?v=pWbMr...](https://www.youtube.com/watch?v=pWbMrx5rVBE&t=0s)

👉 DynamoDB - [https://www.youtube.com/watch?v=k0fcb...](https://www.youtube.com/watch?v=k0fcbRj_pZE&t=0s)

🎯 Real-Time Data Streaming

👉 [https://www.youtube.com/watch?v=hyJZP...](https://www.youtube.com/watch?v=hyJZP-rgooc&t=0s)

👉 [https://www.youtube.com/watch?v=rYbS5...](https://www.youtube.com/watch?v=rYbS5ihk_xg&t=0s)

🎯 Data Visualization

👉 Tableau - [https://www.youtube.com/watch?v=aHaOI...](https://www.youtube.com/watch?v=aHaOIvR00So&t=0s)

👉 Data Studio - [https://www.youtube.com/watch?v=1qGsj...](https://www.youtube.com/watch?v=1qGsjmmHiu8&t=0s)

👉 QuickSight - [https://www.youtube.com/watch?v=ENl72...](https://www.youtube.com/watch?v=ENl72ltO2WU&t=0s)

👉 Looker - [https://www.youtube.com/watch?v=x\_Zy3...](https://www.youtube.com/watch?v=x_Zy3KqLkPM&t=0s)

🎯 AWS Courses :

👉 [https://www.youtube.com/watch?v=k1RI5...](https://www.youtube.com/watch?v=k1RI5locZE4&t=0s)

👉 [https://www.youtube.com/watch?v=ulprq...](https://www.youtube.com/watch?v=ulprqHHWlng&t=0s)

👉 [https://www.youtube.com/watch?v=3hLmD...](https://www.youtube.com/watch?v=3hLmDS179YE&t=0s)

🎯 Cloud vs On-premise?

👉 [https://www.youtube.com/watch?v=DhYQT...](https://www.youtube.com/watch?v=DhYQTM1I5Z4&t=0s)

👉 [https://www.youtube.com/watch?v=\_nC7O...](https://www.youtube.com/watch?v=_nC7Op12Tw8&t=0s)

🎯 What is AWS?

👉 [https://www.youtube.com/watch?v=wWeyz...](https://www.youtube.com/watch?v=wWeyzYzd17o&t=0s)

🎯 AWS Database

👉 [https://www.youtube.com/watch?v=hwnNb...](https://www.youtube.com/watch?v=hwnNbLXN4vA&t=0s)

👉 [https://www.youtube.com/watch?v=TJxC-...](https://www.youtube.com/watch?v=TJxC-B9Q9tQ&t=0s)

🎯 AWS Compute

👉 [https://www.youtube.com/watch?v=kMMyb...](https://www.youtube.com/watch?v=kMMybKqC2Y0&t=0s)

👉 [https://docs.aws.amazon.com/whitepape...](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbjBWNjRUTElPejZqcjZhMkd5TmRjS3NLRlMzd3xBQ3Jtc0tuNmtXS3ZUR0ttTW85cldITEpNWEpqSXJMUW5TMWtJQ2dZdkdYbG1vcmMtbTZuQ3pDMkNjNWZlbDlCRjJMTnFYQnlUU1N3LTJ1Tmktd0gtUGJSRDQzVnRsY3BLSGpwTnBhbHBKX1hiZE1tV0o3T0U0QQ&q=https%3A%2F%2Fdocs.aws.amazon.com%2Fwhitepapers%2Flatest%2Faws-overview%2Fcompute-services.html&v=p_Oqp4C6O38)

🎯 AWS Datawarehouse

👉 [https://www.youtube.com/watch?v=35wXL...](https://www.youtube.com/watch?v=35wXL0Q1Dcc&t=0s)

🎯 AWS Glue

👉 [https://www.youtube.com/watch?v=pT5lA...](https://www.youtube.com/watch?v=pT5lAYTCYJ4&t=0s)

🎯 AWS EMR

👉 [https://www.youtube.com/watch?v=dU40d...](https://www.youtube.com/watch?v=dU40df0Suoo&t=0s)

🎯 AWS Kinesis

👉 [https://www.youtube.com/watch?v=rYbS5...](https://www.youtube.com/watch?v=rYbS5ihk_xg&t=0s)

🎯 Data Processing (Batch vs Real-Time)

👉 [https://www.youtube.com/watch?v=A3Mvy...](https://www.youtube.com/watch?v=A3Mvy8WMk04&t=0s)

🎯 Data Lake

👉 [https://www.youtube.com/watch?v=LxcH6...](https://www.youtube.com/watch?v=LxcH6z8TFpI&t=0s)

👉 [https://www.youtube.com/watch?v=hsq4s...](https://www.youtube.com/watch?v=hsq4s_l9ZDM&t=0s)

🎯 Data Security

👉 [https://www.youtube.com/watch?v=AkOx2...](https://www.youtube.com/watch?v=AkOx2FtmxU8&t=0s)

👉 [https://www.youtube.com/watch?v=ZNEPa...](https://www.youtube.com/watch?v=ZNEPaGFApX4&t=0s)

👉 [https://www.youtube.com/watch?v=Kaigl...](https://www.youtube.com/watch?v=KaigloLRuI8&t=0s)

👉 [https://www.insightsforprofessionals....](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbmFzME5qYkFZSFpvcFUzck1Ra1IwUHozZ0RId3xBQ3Jtc0tsVlVsd0laTlduOTk0LW5veUZoT2dVWk5PN3JQcm0xRlR0YkpJdXFzMWUtWTJCQWtxcE1PaTRaVVdOWjY3QkhjVEgtVmx4OFo4ZWQ2d3FuUkNiZDZ3UVB5ejA0cVQ0N2cwcVI3UzhOXzRScHRmZnM2Yw&q=https%3A%2F%2Fwww.insightsforprofessionals.com%2Fit%2Fleadership%2Fdata-compliance-standards&v=p_Oqp4C6O38)

🎯 Networking

👉 [https://www.youtube.com/watch?v=\_IOZ8...](https://www.youtube.com/watch?v=_IOZ8_cPgu8&t=0s)

👉 [https://www.youtube.com/watch?v=hiKPP...](https://www.youtube.com/watch?v=hiKPPy584Mg&t=0s)

👉 [https://www.youtube.com/watch?v=b1gq9...](https://www.youtube.com/watch?v=b1gq9jTqInA&t=0s)

🎯 DevOps

👉 basics - [https://www.youtube.com/watch?v=\_I94-...](https://www.youtube.com/watch?v=_I94-tJlovg&t=0s)

👉 Docker - [https://www.youtube.com/watch?v=fqMOX...](https://www.youtube.com/watch?v=fqMOX6JJhGo&t=0s)

👉 CICD - [https://www.youtube.com/watch?v=m0a2C...](https://www.youtube.com/watch?v=m0a2CzgLNsc&t=0s)

👉 [https://www.docker.com/](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbDFzX1FOTkpmSk5qcDVUdnBqTXdScW1xZXVld3xBQ3Jtc0ttVGZVcVAwU2JmZ3dZUjZJdHJ4eDdWc2JhVURyRWtqVzJCY0NYVTFUNUx0MVVLeDNvSk9jclc2N3dsZ0hIeFp0Tl9GRWJETHpkcjI3MjZtS0tWcUxBc1doakFuMGpaTWR6SnpVdU1uQ2NweGxYT3c1cw&q=https%3A%2F%2Fwww.docker.com%2F&v=p_Oqp4C6O38)

🎯 Infrastructure as a code

👉 [https://www.youtube.com/watch?v=BPJ1R...](https://www.youtube.com/watch?v=BPJ1RuBRJLQ&t=0s)

👉 [https://www.youtube.com/watch?v=YHdZY...](https://www.youtube.com/watch?v=YHdZYw3hXwE&t=0s)