

Category	URL	Title	Status	Comments	Total	Pending	Done
					191	191	0
GENERAL	https://github.com/ml874/Data-Engineering-on-GCP-Cheatsheet	GCP Cheatsheet (data_engineering_on_GCP.pdf)	TODO	Added on 2020-07-05; Thanks to Karl Paradis (https://medium.com/@kapara) for the suggestion			
GENERAL	https://medium.com/@hello_92179	GCP cheat sheets by Yaron Hollander	TODO				
GCE	https://cloud.google.com/compute/	Compute Engine - Scalable, High-Performance Virtual Machines	TODO				
GCE	https://cloud.google.com/compute/docs/instances/preemptible	Preemptible VM Instances	TODO				
GCE	https://cloud.google.com/compute/docs/disks/	Storage Options	TODO				
GCE	https://cloud.google.com/compute/docs/instance-groups/	Instance Groups	TODO				
GCE	https://cloud.google.com/compute/docs/startupscript	Running Startup Scripts	TODO				
GCE	https://cloud.google.com/compute/docs/shutdownscript	Running Shutdown Scripts	TODO				
GCE	https://cloud.google.com/compute/docs/sustained-use-discounts	Sustained Use Discounts	TODO				
Networking	https://cloud.google.com/vpc/docs/overview	Overview of Virtual Private Cloud	TODO				
Networking	https://cloud.google.com/vpc/docs/vpc	Virtual Private Cloud (VPC) Network Overview	TODO				
Networking	https://cloud.google.com/vpc/docs/advanced-vpc	Advanced VPC Concepts	TODO				
Networking	https://cloud.google.com/vpc/docs/shared-vpc	Shared VPC Overview	TODO				
Networking	https://cloud.google.com/vpc/docs/vpc-peering	VPC Network Peering	TODO				
Networking	https://cloud.google.com/vpc/docs/private-access-options	Private Access Options for Services	TODO				
Networking	https://cloud.google.com/vpn/docs/concepts/overview	Cloud VPN Overview	TODO				
Networking	https://cloud.google.com/interconnect/docs/concepts/overview	Cloud Interconnect Overview	TODO				
Networking	https://cloud.google.com/interconnect/docs/how-to/choose-type	Choose an interconnect type	TODO				
Networking	https://cloud.google.com/nat/docs/overview	Cloud NAT	TODO				
GCS	https://cloud.google.com/appengine/docs/standard/java/googlecloudstorageclient/understanding-storage-features	Understanding Google Cloud Storage Features	TODO				
GCS	https://cloud.google.com/storage/docs/key-terms	GCS Key Terms	TODO				
GCS	https://cloud.google.com/storage/docs/storage-classes	Storage Classes	TODO				
GCS	https://cloud.google.com/storage/docs/bucket-locations	Bucket Locations	TODO				
GCS	https://cloud.google.com/storage/docs/encryption/	Data encryption options	TODO				
GCS	https://cloud.google.com/storage/docs/metadata	Object metadata	TODO				
GCS	https://cloud.google.com/storage/docs/pubsub-notifications	Cloud Pub/Sub notifications for Cloud Storage	TODO				
GCS	https://cloud.google.com/storage/docs/object-change-notification	Object change notification	TODO				
GCS	https://cloud.google.com/storage/docs/object-versioning	Object Versioning	TODO				
GCS	https://cloud.google.com/storage/docs/lifecycle	Object Lifecycle Management	TODO				
GCS	https://cloud.google.com/storage/docs/requester-pays	Requester Pays	TODO				
GCS	https://cloud.google.com/storage/docs/bucket-lock	Retention policies using Bucket Lock	TODO				
GCS	https://cloud.google.com/storage/docs/transcoding	Transcoding of gzip-compressed files	TODO				
GCS	https://cloud.google.com/storage/docs/cross-origin	Cross-origin resource sharing (CORS)	TODO				

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GCS	https://cloud.google.com/storage/docs/collaboration	Sharing and Collaboration	TODO				
GCS	https://cloud.google.com/storage/docs/access-control/	Access control options	TODO				
GCS	https://cloud.google.com/storage/docs/access-control/iam	Cloud Identity and Access Management	TODO				
GCS	https://cloud.google.com/storage/docs/access-control/lists	Access Control Lists (ACLs)	TODO				
GCS	https://cloud.google.com/storage/docs/access-control/cookie-based-authen	Performing authenticated browser downloads	TODO				
GCS	https://cloud.google.com/storage/docs/access-control/signed-urls	Signed URLs	TODO				
GCS	https://cloud.google.com/storage/docs/xml-api/post-object	POST Object	TODO				
GCS	https://cloud.google.com/storage/docs/composite-objects	Composite Objects and Parallel Uploads	TODO				
GCS	https://cloud.google.com/storage-transfer/docs/overview	Storage Transfer Service Overview	TODO				
GCS	https://cloud.google.com/storage/docs/best-practices	Best practices for Cloud Storage	TODO				
Cloud SQL	https://cloud.google.com/sql/	Cloud SQL	TODO				
Cloud SQL	https://cloud.google.com/sql/docs/mysql/high-availability	Overview of the High Availability Configuration	TODO				
Cloud SQL	https://cloud.google.com/sql/docs/mysql/external-connection-methods	Connection options for external applications	TODO				
Cloud SQL	https://cloud.google.com/sql/docs/mysql/sql-proxy	About the Cloud SQL Proxy	TODO				
Cloud SQL	https://cloud.google.com/sql/docs/mysql/replication/	Replication options	TODO				
Cloud SQL	https://cloud.google.com/sql/docs/mysql/import-export/	Best practices for importing and exporting data	TODO				
Cloud SQL	https://cloud.google.com/sql/docs/mysql/backup-recovery/backups	Overview of Backups	TODO				
Cloud SQL	https://cloud.google.com/sql/docs/mysql/backup-recovery/restore	Overview of Restoring an Instance	TODO				
Cloud SQL	https://cloud.google.com/sql/faq	Cloud SQL FAQ	TODO				
BIGQUERY	https://cloud.google.com/bigquery/what-is-bigquery	What is BigQuery?	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/projects	Projects	TODO	Updated on 2020-07-05: link doesn't exist anymore. Thanks for Vipin Kumar for pointing that out			
BIGQUERY	https://cloud.google.com/bigquery/docs/storing-data	Storing data	TODO	Updated on 2020-07-05: link doesn't exist anymore. Thanks for Vipin Kumar for pointing that out			
BIGQUERY	https://cloud.google.com/bigquery/docs/loading-data	Introduction to loading data into BigQuery	TODO				
BIGQUERY	https://cloud.google.com/bigquery/streaming-data-into-bigquery	Streaming Data into BigQuery	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/loading-data-local	Loading data from a local data source	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/loading-data-cloud-storage	Introduction to loading data from Cloud Storage	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/partitioned-tables	Partitioned Tables	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/clustered-tables	Introduction to clustered tables	TODO				
BIGQUERY	https://cloud.google.com/bigquery/pricing#queries	Query pricing	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/exporting-data	Exporting table data	TODO				
BIGQUERY	https://cloud.google.com/bigquery/external-data-sources	Introduction to external data sources	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/access-control	Access control	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/dataset-access-controls	Controlling access to datasets	TODO				

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BIGQUERY	https://cloud.google.com/bigquery/docs/scan-with-dlp	Using Cloud DLP to scan BigQuery data	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/customer-managed-encryption	Protecting data with Cloud KMS keys	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/slots	Slots	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/best-practices-costs	BigQuery best practices: Controlling costs	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/updating-datasets	Updating dataset properties	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/best-practices-storage	BigQuery Best practices: Optimizing storage	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/best-practices-performance-input	Managing input data and data sources	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/best-practices-performance-comm	Optimizing communication between slots	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/best-practices-performance-compu	Optimizing query computation	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/best-practices-performance-output	Managing query outputs	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/best-practices-performance-pattern	Avoiding SQL anti-patterns	TODO				
BIGQUERY	https://cloud.google.com/bigquery/query-plan-explanation	Query plan and timeline	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/views-intro	Introduction to views	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/view-access-controls	Controlling access to views	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/authorized-views	Creating authorized views	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/transfer-service-overview	Introduction to BigQuery Data Transfer Service	TODO				
BIGQUERY	https://cloud.google.com/bigquery/sql-reference/data-manipulation-language	Data Manipulation Language	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/cached-results	Using cached query results	TODO				
BIGQUERY	https://cloud.google.com/bigquery/docs/querying-wildcard-tables	Querying multiple tables using a wildcard table	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/overview	Overview of Cloud Bigtable	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/instances-clusters-nodes	Instances, clusters, and nodes	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/schema-design	Designing Your Schema	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/schema-design-time-series	Schema Design for Time Series Data	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/access-control	Access Control	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/replication-overview	Overview of Replication	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/replication-settings	Examples of Replication Settings	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/app-profiles	Application Profiles	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/failovers	Failovers	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/keyvis-overview	Overview of Key Visualizer	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/keyvis-patterns	Heatmap Patterns	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/performance	Understanding Cloud Bigtable performance	TODO				
BIGTABLE	https://cloud.google.com/bigtable/docs/choosing-ssd-hdd	Choosing Between SSD and HDD Storage	TODO				
DB COMPARISON	http://stackoverflow.com/questions/30085326/google-cloud-bigtable-vs-google-cloud-datastore	Google Cloud Bigtable vs Google Cloud Datastore	TODO				
DB COMPARISON	https://db-engines.com/en/system/Google+Cloud+Bigtable%3BGoogle+Cloud+Datastore	System Properties Comparison Google Cloud Bigtable vs. Google Cloud Datastore	TODO				

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DB COMPARISON	http://terrenceryan.com/blog/index.php/when-to-pick-google-bigtable-vs-other-cloud-platform-databases/	When to Pick Google Bigtable vs Other Cloud Platform Databases	TODO				
CLOUD DATAFLOW	https://cloud.google.com/dataflow/docs/concepts/beam-programming-model	Programming model for Apache Beam	TODO				
DATAFLOW	https://beam.apache.org/documentation/programming-guide/	Apache Beam Programming Guide	TODO				
DATAFLOW	https://cloud.google.com/dataflow/docs/concepts/security-and-permissions	Cloud Dataflow security and permissions	TODO				
DATAFLOW	https://cloud.google.com/dataflow/docs/concepts/access-control	Cloud Dataflow Access Control Guide	TODO				
DATAFLOW	https://stackoverflow.com/questions/33518104/google-dataflow-vs-apache	Google Dataflow vs Apache Spark	TODO				
DATAFLOW STACKDRIVER	https://cloud.google.com/blog/big-data/2017/03/monitoring-and-improving-your-google-cloud-dataflow-pipelines-with-google-stackdriver.html	Monitoring and improving your Google Cloud Dataflow pipelines with Google Stackdriver	TODO				
DATAPROC	https://cloud.google.com/dataproc/docs/concepts/overview	What is Google Cloud Dataproc?	TODO				
DATAPROC	https://cloud.google.com/dataproc/docs/concepts/compute/custom-machine	Custom machine types	TODO				
DATAPROC	https://cloud.google.com/dataproc/docs/concepts/compute/dataproc-local-s	Cloud Dataproc Local SSDs	TODO				
DATAPROC	https://cloud.google.com/dataproc/docs/concepts/preemptible-vms	Preemptible VMs	TODO				
DATAPROC	https://cloud.google.com/dataproc/docs/concepts/configuring-clusters/init-a	Initialization actions	TODO				
DATAPROC	https://cloud.google.com/dataproc/docs/resources/faq	Cloud Dataproc FAQ	TODO				
DATAPROC	https://cloud.google.com/dataproc/docs/connectors/cloud-bigtable	Google Cloud Bigtable and Cloud Dataproc	TODO				
DATAPROC	https://cloud.google.com/dataproc/docs/connectors/cloud-storage	Google Cloud Storage connector	TODO				
DATAPROC	https://www.quora.com/What-is-the-criteria-to-chose-Pig-Hive-Hbase-Storm-Solr-or-Spark-to-analyze-your-data-in-Hadoop	What is the criteria to chose Pig, Hive, Hbase, Storm, Solr, or Spark to analyze your data in Hadoop?	TODO				
DATAPROC	https://stackoverflow.com/questions/13911501/when-to-use-hadoop-hbase-hive-and-pig	When to use Hadoop, HBase, Hive and Pig?	TODO				
DATAPROC	https://community.cloudera.com/t5/Hadoop-101-Training-Quickstart/The-Differences-between-Pig-Hive-and-HBase/ta-p/31007	The Differences between Pig, Hive, and HBase	TODO				
DATAPROC	https://www.dezyre.com/article/difference-between-pig-and-hive-the-two-key-components-of-hadoop-ecosystem/79	Difference between Pig and Hive-The Two Key Components of Hadoop Ecosystem	TODO				
DATAPROC	http://www.hadoop360.datasciencecentral.com/blog/pig-vs-hive-vs-sql-difference-between-the-big-data-tools?context=tag-hadoop	Pig vs Hive vs SQL – Difference between the Big Data Tools	TODO				
DATAPROC	https://hadoopecosystemtable.github.io/	The Hadoop Ecosystem Table	TODO				
DATAPROC	https://www.smartdatacollective.com/hadoop-toolbox-when-use-what/	Hadoop Toolbox: When to Use What	TODO				
STACKDRIVER MONITORING	https://cloud.google.com/monitoring/docs/	Stackdriver Monitoring documentation	TODO				
STACKDRIVER LOGGING	https://cloud.google.com/logging/docs/basic-concepts	Basic Concepts	TODO				
STACKDRIVER LOGGING	https://cloud.google.com/logging/docs/export/using_exported_logs	Using Exported Logs	TODO				
STACKDRIVER LOGGING	https://cloud.google.com/logging/docs/agent/	The Logging Agent	TODO				

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STACKDRIVER LOGGING	https://cloud.google.com/logging/docs/audit/	Cloud Audit Logging	TODO				
Stackdriver Debugger	https://cloud.google.com/debugger/docs/	Stackdriver Debugger	TODO				
STORAGE	https://cloud.google.com/storage-options/	Choosing a Storage Option	TODO				
CLOUD PUB/SUB	https://cloud.google.com/pubsub/docs/overview	What is Google Cloud Pub/Sub?	TODO				
CLOUD PUB/SUB	https://cloud.google.com/pubsub/docs/tasks-vs-pubsub	Choosing between Cloud Tasks and Cloud Pub/Sub	TODO				
CLOUD PUB/SUB	https://cloud.google.com/pubsub/docs/subscriber	Subscriber overview	TODO				
CLOUD PUB/SUB	https://cloud.google.com/pubsub/docs/publisher	Publishing messages	TODO				
CLOUD PUB/SUB	https://cloud.google.com/pubsub/docs/ordering	Ordering messages	TODO				
CLOUD PUB/SUB	https://cloud.google.com/pubsub/docs/replay-overview	Replaying and discarding messages	TODO				
IAM	https://cloud.google.com/iam/docs/overview	IAM Overview	TODO				
IAM	https://cloud.google.com/compute/docs/access/service-accounts	Service Accounts	TODO				
IAM	https://cloud.google.com/iam/docs/resource-hierarchy-access-control	Using Resource Hierarchy for Access Control	TODO				
IAM	https://cloud.google.com/iam/docs/using-iam-securely	Using IAM Securely	TODO				
IAM	https://cloud.google.com/resource-manager/docs/cloud-platform-resource-hierarchy	Resource Hierarchy	TODO				
Security	https://cloud.google.com/armor/docs/security-policy-concepts	Google Cloud Armor Security Policy Concepts	TODO				
Security	https://cloud.google.com/kms/docs/hsm	Cloud HSM	TODO				
Security	https://cloud.google.com/kms/	CLOUD KEY MANAGEMENT SERVICE	TODO				
Security	https://cloud.google.com/dlp/	Cloud Data Loss Prevention	TODO				
Security	https://cloud.google.com/vpc-service-controls/docs/overview	Overview of VPC Service Controls	TODO				
Security	https://cloud.google.com/security-command-center/docs/concepts-overview	Cloud SCC conceptual overview	TODO				
Security	https://cloud.google.com/security-scanner/	CLOUD SECURITY SCANNER	TODO				
Security	https://cloud.google.com/identity/docs/concepts/overview	Google Identity Platform Overview	TODO				
Security	https://cloud.google.com/iap/docs/concepts-overview	Cloud Identity-Aware Proxy overview	TODO				
Security and compliance	https://cloud.google.com/security/gdpr/	Google Cloud & the General Data Protection Regulation (GDPR)	TODO				
Security and compliance	https://cloud.google.com/security/compliance/pci-dss/	Standards, Regulations & Certifications	TODO				
Security and compliance	https://cloud.google.com/solutions/pci-dss-compliance-in-gcp	PCI Data Security Standard compliance	TODO				
Security	https://cloud.google.com/blog/products/gcp/managing-encryption-keys-in-the-cloud	Managing encryption keys in the cloud: introducing Google Cloud Key Management Service	TODO				
Security	https://cloud.google.com/security/encryption-at-rest/	ENCRYPTION AT REST	TODO				
Security	https://cloud.google.com/security/compliance/hipaa-compliance/	HIPAA	TODO				

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Security	https://cloud.google.com/security/compliance/coppa/	COPPA (U.S.)	TODO				
Security	https://cloud.google.com/security/compliance/fedramp/	FedRAMP	TODO				
			TODO				
MACHINE LEARNING ENGINE	https://cloud.google.com/ml-engine/	CLOUD MACHINE LEARNING ENGINE	TODO				
Storage	https://cloud.google.com/filestore/	CLOUD FILESTORE	TODO				
Storage	https://cloud.google.com/products/data-transfer/	CLOUD DATA TRANSFER	TODO				
Cloud Composer	https://cloud.google.com/composer/docs/concepts/overview	Overview of Cloud Composer	TODO				
Transfer Appliance	https://cloud.google.com/transfer-appliance/docs/2.0/overview	Transfer Appliance Overview	TODO				
IOT	https://cloud.google.com/iot/docs/concepts/overview	Cloud IoT Core overview	TODO				
Cloud Spanner	https://cloud.google.com/spanner/docs/overview	Cloud Spanner	TODO				
Cloud Spanner	https://cloud.google.com/spanner/docs/schema-and-data-model	Schema and data model	TODO				
Cloud Spanner	https://cloud.google.com/spanner/docs/schema-design	Schema design best practices	TODO				
MACHINE LEARNING	https://cloud.google.com/automl/	Cloud AutoML	TODO				
MACHINE LEARNING	https://cloud.google.com/automl-tables/	AutoML Tables	TODO				
MACHINE LEARNING	https://cloud.google.com/deep-learning-vm/	Deep Learning VM Image	TODO				
MACHINE LEARNING	https://cloud.google.com/tpu/docs/tpus	Cloud Tensor Processing Units (TPUs)	TODO				
MACHINE LEARNING	https://opensource.com/article/18/12/introduction-kubeflow	An introduction to Kubeflow	TODO				
			TODO				
MLENGINE / TENSORFLOW	https://cloud.google.com/ml-engine/docs/tensorflow/projects-models-versions-jobs	Projects, Models, Versions, and Jobs	TODO				
MLENGINE / TENSORFLOW	https://cloud.google.com/ml-engine/docs/tensorflow/ml-solutions-overview	Machine Learning Workflow	TODO				
MLENGINE / TENSORFLOW	https://cloud.google.com/ml-engine/docs/tensorflow/data-prep	Preparing Data	TODO				
MLENGINE / TENSORFLOW	https://cloud.google.com/ml-engine/docs/tensorflow/training-overview	Training Overview	TODO				
MLENGINE / TENSORFLOW	https://cloud.google.com/ml-engine/docs/tensorflow/hyperparameter-tuning	Overview of Hyperparameter Tuning	TODO				
MLENGINE / TENSORFLOW	https://cloud.google.com/ml-engine/docs/tensorflow/prediction-overview	Prediction Overview	TODO				
MACHINE LEARNING	https://cloud.google.com/ml-engine/docs/how-tos/managing-models-jobs	Managing Models and Jobs	TODO				
MACHINE LEARNING	http://machinelearningmastery.com/supervised-and-unsupervised-machine-learning-algorithms/	Supervised and Unsupervised Machine Learning Algorithms	TODO				

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DATALAB	https://cloud.google.com/datalab/	CLOUD DATALAB	TODO				
DATALAB	https://cloud.google.com/blog/big-data/2016/05/how-to-forecast-demand-with-google-bigquery-public-datasets-and-tensorflow	How to forecast demand with Google BigQuery, public datasets and TensorFlow	TODO				
MACHINE LEARNING	https://www.tensorflow.org/get_started/summaries_and_tensorboard	ML - Tensorboard	TODO				
MACHINE LEARNING	https://www.tensorflow.org/get_started/graph_viz	ML - Learning visualization	TODO				
MACHINE LEARNING	https://docs.microsoft.com/en-us/azure/machine-learning/machine-learning	How to choose algorithms for Microsoft Azure Machine Learning	TODO				
MACHINE LEARNING	https://medium.com/@nomadic_mind/new-to-machine-learning-avoid-these	New to Machine Learning? Avoid these three mistakes	TODO				
kafka	https://kafka.apache.org/intro	Kafka - Introduction	TODO				
DATAPREP	https://cloud.google.com/dataprep/docs/concepts	Dataprep - Concepts	TODO				
PRACTICE EXAM	https://cloud.google.com/certification/practice-exam/data-engineer	Data Engineer Practice Exam	TODO				
Cloud Memorystore	https://cloud.google.com/memorystore/docs/redis/redis-overview	Overview of Cloud Memorystore for Redis	TODO				
Cloud Datastore	https://cloud.google.com/datastore/docs/concepts/overview	Cloud Datastore Overview	TODO				
Cloud Datastore	https://cloud.google.com/datastore/docs/firestore-or-datastore	Choosing between Native Mode and Datastore Mode	TODO				