/home/xsazcd/git/obar1/0to100.gcloud.git/README. md

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1. BigQuery Architecture and Resource Provisioning



2. BigQuery Fundamentals for Redshift Professionals.BigQuery Data Definition Model



3. BigQuery Fundamentals for Redshift Professionals.BigQuery and Google Cloud IAM





4. Course Resources here :footprints: X



5. PDE Prep: BigQuery Essentials here





6. Understanding the Professional Data Engineer Certification here





8. PDE Prep: Cloud Dataproc Cluster Operations and Maintenance here

9. Designing and building here 💛 💉



10. Building data processing systems here 💙 💉



11. Designing for Security and Compliance here





12. Analyzing and modeling here



13. Resources and next steps here 💙 💉



14. Building Batch Data Pipelines on Google Cloud here

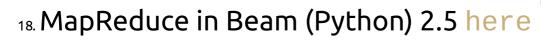






16. Running Apache Spark jobs on Cloud Dataproc here









19. Building and Executing a Pipeline Graph with Data Fusion 2.5 here

20. An Introduction to Cloud Composer 2.5 here

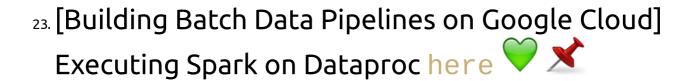




21. Introduction here V



22. Introduction to Building Batch Data Pipelines



24. Serverless Data Processing with Dataflow here



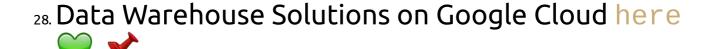
25. Module introduction here



26. Course Introduction here



27. [Building Batch Data Pipelines on Google Cloud].Course Summary here









30. Course Resources here



31. Exploring and Creating an Ecommerce Analytics Pipeline with Cloud Dataprep v1.5 here

32. Building Transformations and Preparing Data with Wrangler in Cloud Data Fusion here





34. Analytics challenges faced by data analysts here



35. Data analyst tasks and challenges and Google Cloud data tools here V







38. BigQuery jobs here





40. Course summary here





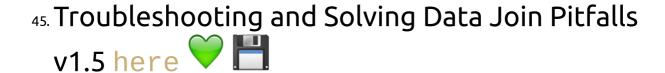
42. Creating Permanent Tables and Access-Controlled Views in BigQuery v1.5 here ♥ 💾

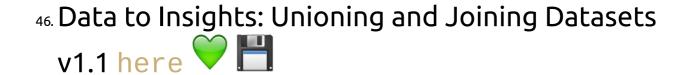
43. Ingesting New Datasets into BigQuery v1.5 here





44. Creating Date-Partitioned Tables in BigQuery v1.5 here





- 47. Explore and Create Reports with Looker Studio v1.5 here
- 48. Creating permanent tables here 💛 💉
- 49. Course Introduction here V
- 50. Ingesting new data into BigQuery here 💙 🚿
- 51. Overview of data visualization principles here









53. Introducing JOINs and UNIONs here $\stackrel{\checkmark}{ extstyle }$



54. Modernizing Data Lakes and Data Warehouses with Google Cloud here 💙 💉

55. Using BigQuery to do Analysis here





56. Loading data into BigQuery here



57. Loading Taxi Data into Google Cloud SQL 2.5 here



58. Working with JSON and Array data in BigQuery 2.5 here







61. Module Introduction here



62. Exploring a BigQuery Public Dataset here





63. Course Summary here





64. Creating a Streaming Data Pipeline for a Real-Time Dashboard with Dataflow here 💛 🛗



65. Module Introduction here



66. Vertex AI: Predicting Loan Risk with AutoML here





67. Predicting Visitor Purchases with a Classification Model with BigQuery ML here







69. Introduction here





70. Introduction here V





71. Introduction here 💛 💉





72. Introduction here VX





73. Introduction here 💙 💉



74. BigQuery Architecture and Resource Provisioning here 💙 💉







76. [BigQuery Fundamentals for Redshift Professionals].BigQuery Data Definition Model





77. BigQuery and Google Cloud IAM here





78. BigQuery Fundamentals for Redshift Professionals. Monitoring BigQuery Workloads here



80. BigQuery Fundamentals for Redshift Professionals.Course Resources here :footprints:



- 81. [Data Lake Modernization on Google Cloud: Cloud Composer].Cloud Composer here :footprints:
- 82. Demo: Cloud Composer Code Walkthrough here :footprints:
- 83. BigQuery Fundamentals for Redshift Professionals here :footprints:
- 84. Creating New BigQuery Datasets and Visualizing Insights here

85. Google Cloud Big Data and Machine Learning Fundamentals here



- 87. Exploring and Preparing your Data with BigQuery here
- 88. Building Batch Data Pipelines on Google Cloud here
- 89. Manage Data Models in Looker here



- 90. Modernizing Data Lakes and Data Warehouses with Google Cloud here
- 91. Share Data Using Google Data Cloud here :footprints:
- 92. Predict Soccer Match Outcomes with BigQuery ML here
- 93. Deploy to Kubernetes in Google Cloud: Challenge Lab here :footprints:
- 94. Preparing for the Google Cloud Professional Data Engineer Exam here

95. Reinforcement Learning: Qwik Start here :footprints: X





- 97. Create and Manage Cloud Resources: Challenge Lab here :footprints: X
- 98. Eventarc for Cloud Run here :footprints: X



- 99. Entity and Sentiment Analysis with the Natural Language API here :footprints: 💉
- 100. Cloud Functions: Qwik Start Console here :footprints: X
- 101. Build and Execute MySQL, PostgreSQL, and SQLServer to Data Catalog Connectors here :footprints: X
- 102. Looker Developer Qwik Start here: footprints:



- 103. Vertex AI: Qwik Start here :footprints: 🌋
- 104. A Tour of Google Cloud Hands-on Labs here :footprints: X

105. ETL Processing on Google Cloud Using Dataflow and BigQuery here :footprints: 💉

106. Google Cloud Storage - Bucket Lock here :footprints: 2





- 108. Cloud Composer: Copying BigQuery Tables Across Different Locations here :footprints: X
- 109. https{\sqrt{swww.cloudskillsboost.google{focuses}3"}} 642§parent=catalog> here :footprints: X
- 110. Troubleshooting and Solving Data Join Pitfalls here: footprints: X
- 111. APIs Explorer: Cloud Storage here :footprints: 🌂



- 112. Creating a Data Warehouse Through Joins and Unions here :footprints: X
- 113. Creating Date-Partitioned Tables in BigQuery here: footprints: X
- 114. Creating a Data Transformation Pipeline with Cloud Dataprep here :footprints: X

115. Using BigQuery Omni with AWS here 💙 💉



116. Orchestrating the Cloud with Kubernetes here :footprints: X

117. Cloud Storage: Qwik Start - CLI/SDK here

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118. Getting Started with Cloud Shell and gcloud here :footprints: X

119. Cloud Natural Language API: Qwik Start here :footprints: X

120. Get Started with Eventarc: Challenge Lab here :footprints: X

121. here :footprints: 🌋

- 122. Dataprep: Qwik Start here :footprints: 🌋
- 123. BigQuery: Qwik Start Command Line here :footprints: X
- 124. Get Started with Cloud Storage: Challenge Lab here:footprints:

125. Cloud Functions: Qwik Start - Command Line here :footprints: X

- 126. Google Cloud Pub/Sub: Qwik Start Command Line here :footprints: X
- 127. Kubernetes Engine: Qwik Start here :footprints:



128. Looker Studio: Qwik Start here 💝 💾



129. Level 1: Data with Google Cloud here 💛 🌊



130. Looker Data Explorer - Qwik Start here 💛 💾



131. Get Started with Looker: Challenge Lab here





132. Dataflow: Qwik Start - Python here 💛 💾



133. Create a Streaming Data Lake on Cloud Storage:

Challenge Lab here





134. Stream Processing with Cloud Pub/Sub and Dataflow: Qwik Start here 💛 🛗







136. Dataplex: Qwik Start - Command Line here





137. Tagging Dataplex Assets here 💛 💾



138. Analyze Speech & Language with Google APIs: Challenge Lab here 💛 🛗







140. Level 2: Cloud security here 💛 耄





141. Cloud Functions 2nd Gen: Qwik Start here





142. Google Cloud Storage - Bucket Lock here





143. Cloud IAM: Qwik Start here 💛 💾





144. Eventarc for Cloud Run here





145. Create a Secure Data Lake on Cloud Storage: Challenge Lab here







147. Monitoring and Logging for Cloud Functions here





148. Monitor a Compute Engine Virtual Machine: Qwik Start here

149. Monitoring in Google Cloud: Challenge Lab here





150. Deploying a Python Flask Web Application to App Engine Flexible here $\stackrel{\checkmark}{=}$







152. Responding to Cloud Logging Messages with Cloud Functions here

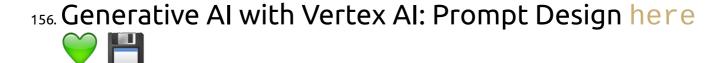






154. Getting Started with BigQuery Machine Learning here :footprints:

155. Generative AI with Vertex AI: Getting Started



157. Hosting a Web App on Google Cloud Using Compute Engine here

with the Cloud ML APIs here Text from Images



160. Analyze Images with the Cloud Vision API: Challenge Lab here





163. Get Started with Generative AI Studio here



164. Modularizing LookML Code with Extends here



165. BigQuery Soccer Data Analytical Insight here



166. Troubleshooting Data Models in Looker here



Usability of LookML Projects here

168. Caching and Datagroups with LookML here





169. Analytics as a Service for Data Sharing Partners here





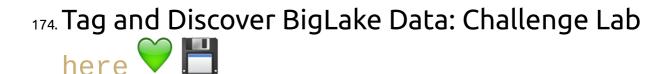




172. Data Catalog: Qwik Start here



173. Creating and Populating a Bigtable Instance here



- 175. Migrating On-premises MySQL Using a Continuous Database Migration Service Job here
- 176. Troubleshooting Common SQL Errors with BigQuery here :footprints:
- 177. Building Demand Forecasting with BigQuery ML here

178. Optical Character Recognition (OCR) with Document AI (Python) here 💛 🛗







180. Data Engineer Learning Path here :footprints: 🗡



181. Using Specialized Processors with Document AI (Python) here

182. Data Engineering here





183. Create and Manage Cloud Resources here





184. Get Started with Cloud Storage here





185. App Engine: 3 Ways here





186. Get Started with Looker here





187. Create a Streaming Data Lake on Cloud Storage







189. Deploy to Kubernetes in Google Cloud here





190. Create a Secure Data Lake on Cloud Storage here





191. Get Started with Dataplex here





192. Monitoring in Google Cloud here 🧡 🌀





193. Analyze Speech and Language with Google APIs







194. Get Started with Eventarc here 🍑 🌀





195. Baseline: Data, ML, AI here





196. BigQuery for Data Warehousing here





197. Serverless Data Processing with Dataflow:

Foundations here :footprints:



198. obar1 here :footprints: X

