Title: “Big Data and Machine Learning, and Cloud Security and Compliance on Google Cloud”

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1. **Set Up a Google Cloud Project:**
   * Create a new project in the Google Cloud Console.
   * Enable necessary APIs (e.g., BigQuery, Cloud Storage, AI Platform).

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1. **Data Ingestion:**
   * Collect a large dataset relevant to your use case (e.g., public datasets from Kaggle or Google Dataset Search).
   * Upload the dataset to Google Cloud Storage.

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1. **Data Processing with BigQuery:**
   * Use BigQuery to create a dataset and load the data from Cloud Storage.

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* + Perform data cleaning and preprocessing using SQL queries (e.g., filtering, aggregating).

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* + Create summary statistics and visualize the results using Google Data Studio or similar tools.

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1. **Machine Learning Model Training:**
   * Use the AI Platform to train a machine learning model on the processed data.
   * Choose a model suitable for the task (e.g., classification, regression) and implement it using TensorFlow or Scikit-learn.
   * Set up a training job on AI Platform, specifying the necessary configurations (e.g., training data, hyperparameters).

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