

DAILY ASSESSMENT FORMAT

Date:	04 August 2020	Name:	Rajeshwari Gadagi
Course:	Coursera	USN:	4AL17EC076
Topic:	Industrial IOT on google cloud platform	Semester & Section:	6th sem 'B' sec
Github Repository:	Rajeshwari-gadagi		

FORENOON SESSION DETAILS

Image of session

Industrial IoT on Google Cloud Platform > Week 1 > Welcome to IoT on GCP

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Welcome to the course

- Video: Welcome to IoT on GCP 5 min
- Video: IoT on GCP Overview 5 min
- How to use Qwiklabs**
- Video: Getting Started with Google Cloud and Qwiklabs 4 min
- Course Feedback**
- Reading: How to Send Feedback 10 min
- What is IoT?**
- Cloud IoT Platform**
- Sensors and Devices**
- Communicating with**

Welcome to IIoT on GCP

Foundations of GCP Architecture

- Sensors, Devices, and Cloud Communication
- Google Cloud IoT Platform
- Creating Pipelines
- Analyzing Data with BigQuery
- Analyzing Data with Cloud Dataprep
- Optional Capstone Project




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Notes [All notes](#)



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Windows taskbar: 11:29 04-08-2020

Welcome to the course

How to use Qwiklabs

- Video: Getting Started with Google Cloud and Qwiklabs 4 min
- Course Feedback**
- What is IoT?**
- Cloud IoT Platform**
- Sensors and Devices**
- Communicating with devices**
- Pub/Sub**
- Cloud IoT Core**
- Google Cloud Storage**
- Dataflow**

Getting Started with Google Cloud and Qwiklabs




Philipp Maier
Course Developer, Google Cloud

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Industrial IoT on Google Cloud Platform > Week 1 > Internet of Things Use Cases

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✓ Reading: Functional Advances Drive IoT Adoption4 min

• Video: What is IoT?1 min

10 Reading: IoT Devices are Connected to the Cloud2 min

10 Discussion Prompt: What everyday activity can be changed by IoT?5 min

10 Reading: What can be done with IoT?4 min

✓ Quiz: Internet of Things Use Cases3 questions

10 Reading: Challenges in IoT5 min

10 Discussion Prompt: The Fourth Industrial Revolution and IoT5 min

10 Reading: Lesson Review1 min

✓ Quiz: IoT Networks4 questions

Cloud IoT Platform

Sensors and Devices

Communicating with Devices

Feedback

QUIZ • 10 MIN

Internet of Things Use Cases

✓ Submit your assignment

DUE Aug 9, 11:58 PM PDT ATTEMPTS 3 every 8 hours

Resume

✓ Receive grade

TO PASS 75% or higher

Grade100%View Feedback

We keep your highest score

👍👎📄

Industrial IoT on Google Cloud Platform > Week 1 > IoT Networks

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10 Reading: What can be done with IoT?4 min

✓ Quiz: Internet of Things Use Cases3 questions

10 Reading: Challenges in IoT5 min

10 Discussion Prompt: The Fourth Industrial Revolution and IoT5 min

10 Reading: Lesson Review1 min

✓ Quiz: IoT Networks4 questions

Cloud IoT Platform

Sensors and Devices

Communicating with Devices

Feedback

QUIZ • 10 MIN

IoT Networks

✓ Submit your assignment

DUE Aug 9, 11:58 PM PDT

Resume

✓ Receive grade

TO PASS 80% or higher

Grade100%View Feedback

We keep your highest score

👍👎📄

IIOT on GCP:-
www.iiot

Fundamentals of GCP architecture
www.iiot

Sensors, Devices, and cloud communication
google cloud iot platform

Creating pipelines

Analyzing data with BigQuery

Analyzing data with cloud DataPrep

optional Capstone project

According to IHS Market, the market sectors driving this growth are:-

- Smart Cities - a city that uses technology to improve efficiency, Sustainability, and quality of life for people living & working in the city
- Industrial IoT - uses machine learning & big data to generate value from connected

- Smart Cities - a city that uses technology to improve efficiency, Sustainability, and quality of life for people living & working in the city
- Industrial IoT - uses machine learning & big data to generate value from sensor data
- Connected health - using consumer technologies to connect patients and healthcare providers outside of the Hospital
- Smart homes - using smart devices to control the environment in a home

→ The general structure of an IoT network includes devices to interact with the environment

→ A gateway to gather the data & communicate with the cloud.

→ The cloud to store, process, and analyze the data.

