E8 – **Google Cloud** Related Activities

Under the **Google Cloud for Education** program students of DS203 have been granted a credit of $50 each. You will receive an email from Google Cloud to verify your email address. On verification, a redeemable coupon code will be emailed to you. Once redeemed, this credit can be consumed until October 2, 2024.

The following PDF documents have been uploaded to Moodle to guide you through the process – starting from redeeming the coupon to creating a Virtual Machine (VM) and connecting to it using various client programs.

- 01-Redeem-Google-Cloud-Credits.pdf
- 02-Creating a custom VM.pdf
- 03-Starting the VM and connecting to it.pdf
- 04-Connecting to the MySQL server.pdf

The following additional files required during the process have also been uploaded to Moodle

- google_cloud_id_rsa
- google_cloud_id_rsa.ppk

The cloud resources will be used by you to get introduced to a cloud computing environment, and acquire SQL, SPARK, and MAP-REDUCE related skills. To ensure that you can effectively participate in the learning process, these Google Cloud activities should be completed at the earliest.

The suggested completion date is 15th October, 23:55 hrs.

Submissions:

- After you complete all the steps, upload a file named **your_rollno.pdf** to the E8 submission point.
    - (it can contain a single word – Done!)
    - (optionally, you can also describe the challenges faced, if any, while following the instructions)

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