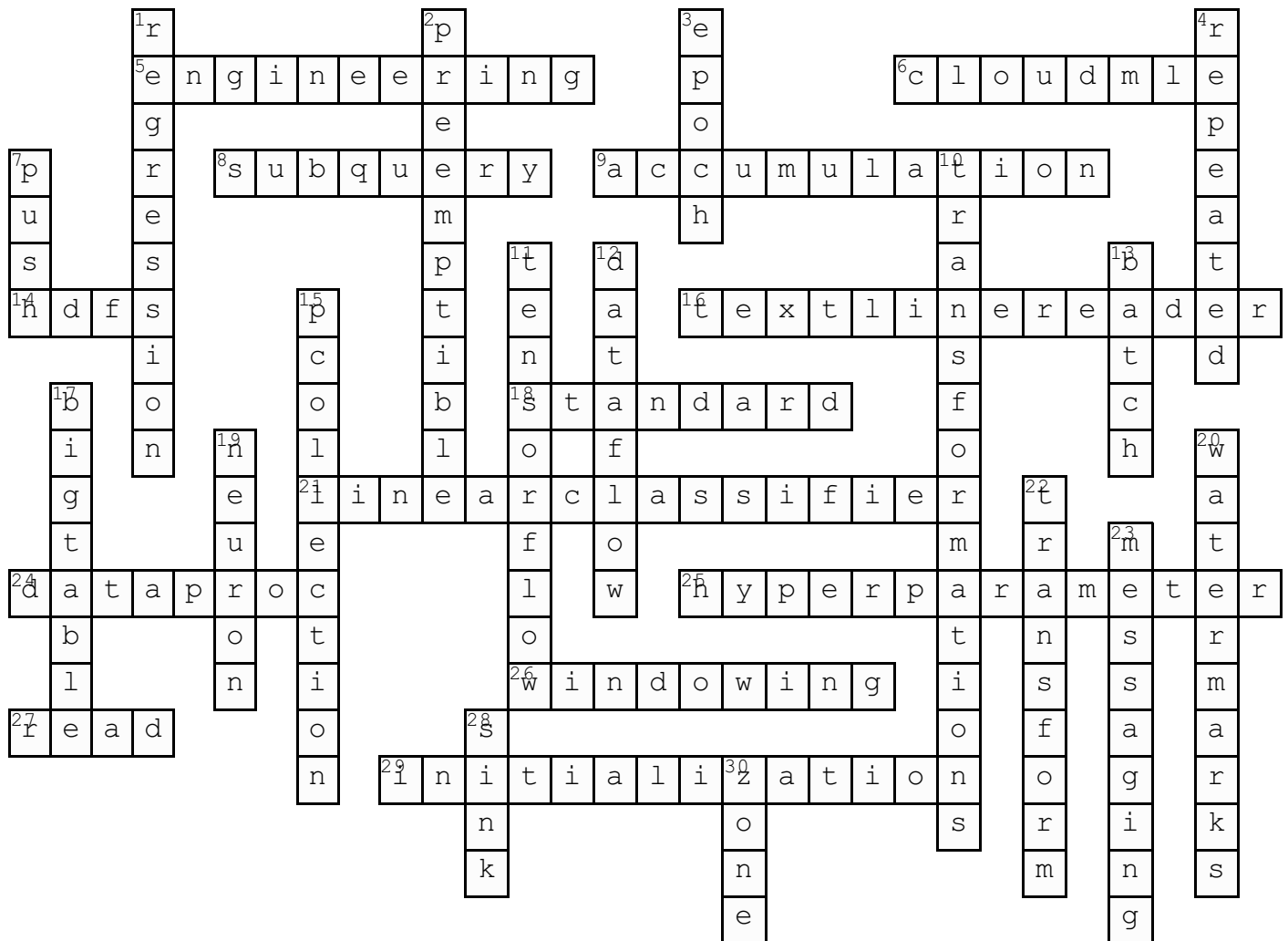


Dr. Elaina's GCP Challenge

Do you think you know GCP? Want to go for a cert?



Created with TheTeachersCorner.net [Crossword Puzzle Generator](http://TheTeachersCorner.net)

Across

5. Enhancing ML data by extracting features from raw data is feature_____ (**engineering**)
6. Lets you train TensorFlow machine learning models at scale (**cloudml**)
8. The best practice for querying a table, then querying the results of that query is to use a _____ (**subquery**)
9. Dataflow models find out how refinements of results relate via _____ modes (**accumulation**)
14. Dataproc helps you create job-specific clusters without _____ (**hdfs**)
16. An efficient way to read data into TensorFlow (**textlinereader**)
18. This cluster mode in Dataproc provides 1 master and N workers (**standard**)
21. Is a class that will do logistic regression (**linearclassifier**)
24. Provides the ability for spark programs to separate compute and storage (**dataproc**)
25. In a neural network the number of layers is a _____ (**hyperparameter**)
26. Dataflow models find where results are calculated via event-time _____ (**windowing**)
27. ML API can ___ scanned receipts (**read**)
29. Installing software libraries on the master in dataproc typically uses an _____ script (**initialization**)

Down

1. A machine learning problem where the outcome to be predicted is a continuous number (**regression**)
2. In Dataproc, they cost less but may not always be available (**preemptible**)
3. One complete pass through the training dataset in Machine Learning (**epoch**)
4. BigQuery supports nested and _____ fields (**repeated**)
7. Delivery method that is ideal for subscribers needing close to real time performance (**push**)
10. Dataflow models find what results are calculated via _____ (**transformations**)
11. A software framework for writing portable ML code (**tensorflow**)
12. Makes it easy to create resilient streaming pipelines (**dataflow**)
13. A small set of examples on which gradient is computed in Machine Learning (**batch**)
15. Is a dataflow set of data in your pipeline (**pcollection**)
17. Performance of this can be improved by changing schemas to minimize data skew (**bigtable**)
19. A _____ combines its inputs to map part of a decision surface in a neural network (**neuron**)
20. Dataflow models find out when in processing time results are materialized via _____, triggers, and allowed lateness (**watermarks**)
22. Is a dataflow processing operation or step in your pipeline (**transform**)
23. Pub/sub connects applications and services through a _____ infrastructure (**messaging**)
28. Is a dataflow endpoint for your pipeline (**sink**)
30. Determines the Google data centre where compute nodes will be (**zone**)