# Analysis and discussion exercise on Map Reduce

## 2Do2HandIn

- Read the paper you have assigned and prepare a short 10 minutes presentation on what U get from the paper. Include interesting discussion questions for the audience

## Task distribution

- Everyone should red [1,2] [6,10,11]
- Matías Hernández, [3]
- Marcos Barreto [4]
- José Fager [5]
- Mario del Riego [7]
- Lorena Etcheverry [8]
- Agustín Mullín [9]

## Material

[ 1 ]  Dean, J., & Ghemawat, S. (n.d.). MapReduce : Simplified Data Processing on Large Clusters, 1–13.

[ 2 ]  Lämmel, R. (2008). Google's MapReduce programming model — Revisited. *Science of Computer Programming*, *70*(1), 1–30. doi:10.1016/j.scico.2007.07.001

[ 3 ]  Pavlo, A., Paulson, E., Rasin, A., Abadi, D. J., Madden, S., Csail, M. I. T., Stonebraker, M., et al. (2009). A Comparison of Approaches to Large-Scale Data Analysis.

[ 4 ]  Ullman, J. D. (n.d.). A New Computation Model for Rack-Based Computing.

[ 5 ]  Abadi, D., & Dewitt, D. J. (n.d.). mapReduce and Parallel DBmss : friends or foes ?

[ 6 ]  Chang, F., Dean, J., Ghemawat, S., Hsieh, W. C., Wallach, D. A., Burrows, M., Chandra, T., et al. (n.d.). Bigtable : A Distributed Storage System for Structured Data.

[ 7 ]  Alexandrov, A., Markl, V., Battr, D., Hueske, F., Ewen, S., & Warneke, D. (n.d.). Massively Parallel Data Analysis with PACTs on Nephele.

[ 8 ]  Borkar, V., Carey, M. J., & Li, C. (2012). Inside " Big Data Management ": Ogres , Onions , or Parfaits ?

[ 9 ]  Dittrich, J. (2013). Efficient OR Hadoop : Why not both ?, (January), 1–9.

[ 10 ] Dewitt, D. J., & Gray, J. (1992). Parallel Database Systems : The Future of High Performance Database Processing 1, *36*(6), 1–26.

[ 11 ] http://asterix.ics.uci.edu