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| **Projects**  Projects may be given as group projects  The following list are the sample projects that can be given to students to be implemented:   1. Analyzing and Visualizing social networks like Facebook and twitter using NoSQL Databases. 2. Using Sample datasets from <http://www.rdatamining.com/resources/data>,UCLA Repository, kaggle dataset etc., and analyzing those using NoSQL databases. 3. Twitter provides a fire hose of data. Automatically filtering, aggregating, analyzing such data can allow a way to harness the full value of the data, extracting valuable information. The idea of this project is investigating stream processing technology to operate on social streams. 4. Project on Combining Database management and Cloud storage system. 5. CarTel. In the CarTel project, we are building a system for collecting and managing data from automobiles. There are several possible CarTel related projects:   a) One of the features of CarTel is a GUI for browsing geo‐spatial data collected from cars. Primitive interface for retrieving parts of the data that are of interest, but developing a more sophisticated interface or query language for browsing and exploring this data would make a great project. It collects relatively sensitive personal information about users location and  driving habits. Protecting this information from casual browsers, insurance companies, or other undesired users is important. However, it is also important to be able to combine different users data together to do things like intelligent route planning or vehicle anomaly  detection. The goal of this project would be to find a way to securely perform certain types of aggregate queries over CarTel data without exposing personally identifiable information. | |
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