GPGPU PROGRAMMING PROJECT PROPOSAL

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**Algorithm Selected :**

* APRIORI (FREQUENT ITEMSET MINING)

**ALGORITHM BACKGROUND :**

Apriori is a data mining domain algorithm used to extract association rules between items in a transaction . Its counterparts are FP-Growth but selection of this particular algorithm is motivated due to its heavy-time scaled computation

**PROJECT DESCRIPTION :**

In this project we will implement the Apriori Algorithm on parallel domain consideration with the target to be executed on GPU . The implement methodology will be selected and finalized after paper reviews . Along with the implementation comparison of sequential and parallel execution of this implemented algorithm will be our target for project report