1. SUMMARIZATION

1.1 *Numerical*

1.2 *Inverted Index*

1.3 *Counting with Counters*

2. FILTERING

2.1 *Standard Filtering*

2.2 *Bloom Filtering*

2.3 *Top Ten*

2.4 *Distinct*

3. DATA ORGANIZATION

3.1 *Structured to Hierarchical*

3.2 *Partitioning*

3.3 *Binning*

3.4 *Shuffling*

3.5 *Total Order Sorting*

4. JOIN

4.1 *Reduce Side*

4.2 *Replicated*

4.3 *Cartesian*

4.4 *Bloom Filtering – Reduce Side*

4.5 *Composite*

5. META-PATTERNS

5.1 *Job Chaining*

5.2 *Chair Folding*

5.3 *Job Merging*

6. INPUT / OUTPUT

6.1 *Generating Data*

6.2 *External Source Output*

6.3 *External Source Input*

6.4 *Partition Pruning*