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| DocID 101 | DocID 201 | | DocID 301 | Mapper Input |
| [cat pat mat sat cat eat] | [pat mat sat pat mat eat] | | [sat mat cat pat fat mat] |
| ((cat, 101), 2)  ((pat, 101), 1)  ((mat, 101), 1)  ((sat, 101), 1)  ((eat, 101), 1) | ((pat, 201), 2)  ((mat, 201), 2)  ((sat, 201), 1)  ((eat, 201), 1) | | ((sat, 301), 1)  ((mat, 301), 2)  ((cat, 301), 1)  ((pat, 301), 1)  ((fat, 301), 1) | Mapper Output |
| Reducer 1 (cat, mat, sat) | | Reducer 2 | | Shuffle & Sort |
| ((cat, 101), 2)  ((cat, 301), 1)  ((mat, 101), 1)  ((mat, 201), 2)  ((mat, 301), 1)  ((sat, 101), 1)  ((sat, 201), 1)  ((sat, 301), 1) | | ((eat, 101), 1)  ((eat, 201), 1)  ((fat, 301), 1)  ((pat, 101), 1)  ((pat, 201), 2)  ((pat, 301), 1) | | Reducer Input |
| (cat, [(101, 2), (301, 1)])  (mat, [(101, 1), (201, 2), (301, 1)])  (sat, [(101, 1), (201, 1), (201, 1)]) | | (eat, [(101, 1), (201, 1)])  (fat, [(301, 1)])  (pat, [(101, 1), (201, 2), (301, 1)]) | | Reducer Output |