## Analysis 01 – Count No of Movies and TV shows by the year they were released

* Map Function

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| > yearMap  function() {  emit({Year:this.release\_year},{count:1});  } |

* Reduce Function

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| > yearReduce  function(key, values) {  var sum = 0;  values.forEach((val) => {sum += val.count;});  return {count: sum};  } |

* Execute MapReduce Job

Db.movies.mapReduce(yearMap, yearReduce, {out: “MoviesCountByYear”});

* Print results

Db.MoviesCountByYear.find();