Average spending on a product for each month - MapReduce

db.purchases.mapReduce( function()

{

var monthNames = ["January", "February", "March", "April", "May", "June","July", "August", "September", "October", "November", "December"];

var datum = new Date(this.date);

var kluch = { mesec: monthNames[datum.getMonth()], tip\_proizvodi: this.product}; var vrednost = { suma: this.sum, kolicina: 1};

emit(kluch, vrednost);

},

function(key, values)

{

var suma2 = 0;

var kolicina = 0;

var sumaKvantitet = { suma: 0, kolicina: 0}; for(var i=0;i<values.length;++i)

{

suma2+=values[i].suma;

++kolicina;

}

sumaKvantitet.suma=suma2; sumaKvantitet.kolicina = kolicina; return sumaKvantitet;},

{

out:"rezultat",

finalize: function (key, reducedVal) {

reducedVal.prosek = reducedVal.suma/reducedVal.kolicina; return reducedVal;

}

}).find()