**Queries used**

curl -XPOST <domain>/\_bulk' --data-binary @<filename>

curl -XDELETE ‘[<domain>](https://search-perspectixes-orgfexqff5phpf26zy5zfuwdwe.us-west-2.es.amazonaws.com/)/<index>/’

curl -XGET '<ddomain>/<index>/\_search?pretty=true&q=\*:\*'

**Creation of index prior to pushing off data**

PUT taxifarejoin/

{

"settings" : {

"number\_of\_shards" : 1

},

"mappings" : {

"taxifare" : {

"properties" : {

"medallion" : {"type" : "string"},

"hack\_license" : {"type" : "string"},

"vendor\_id" : {"type" : "string"},

"pickup\_datetime" : {"type" : "date","format":"yyyy-MM-dd HH:mm:ss","index": "not\_analyzed"},

"rate\_code" : {"type" : "string"},

"store\_and\_fwd\_flag" : {"type" : "string"},

"dropoff\_datetime" : {"type" : "date","format":"yyyy-MM-dd HH:mm:ss","index": "not\_analyzed"},

"passenger\_count" : {"type" : "integer"},

"trip\_time\_in\_secs" : {"type" : "integer"},

"trip\_distance" : {"type" : "float"},

"pickup\_location" : {"type" : "geo\_point","index": "not\_analyzed"},

"dropoff\_location" : {"type" : "geo\_point","index": "not\_analyzed"},

"payment\_type" : {"type" : "string"},

"fare\_amount" : {"type" : "float"},

"surcharge" : {"type" : "float"},

"mta\_tax" : {"type" : "float"},

"tip\_amount" : {"type" : "float"},

"tolls\_amount" : {"type" : "float"},

"total\_amount" : {"type" : "float"}

}

}

}

}

**Command to run the file to load join output into ES**

python <path>/curlRequests.py <s3 path>