

Code-

```
db.documents.aggregate([
  {
    $project: {
      titleWords: { $split: ["$title", " "] },
      textWords: { $split: ["$text", " "] }
    }
  },
  {
    $unwind: "$titleWords"
  },
  {
    $unwind: "$textWords"
  },
  {
    $facet: {
      titleWordCount: [
        { $group: { _id: "$titleWords", count: { $sum: 1 } } }
      ],
      textWordCount: [
        { $group: { _id: "$textWords", count: { $sum: 1 } } }
      ]
    }
  }
])
```

Output:

```
< {
  titleWordCount: [
    {
      _id: 'MapReduce',
      count: 9
    },
    {
      _id: 'Understanding',
      count: 9
    },
    {
      _id: 'Aggregation',
      count: 6
    },
    {
      _id: 'MongoDB',
      count: 6
    },
    {
      _id: 'Basics',
      count: 6
    },
    {
      _id: 'Frameworks',
      count: 6
    }
  ],
  textWordCount: [
    {
      _id: 'fun',
      count: 2
    },
    {
      _id: 'sets.',

```

```
{
  _id: 'sets.',
  count: 2
},
{
  _id: 'tool',
  count: 2
},
{
  _id: 'for',
  count: 2
},
{
  _id: 'powerful',
  count: 2
},
{
  _id: 'frameworks',
  count: 2
},
{
  _id: 'provide',
  count: 2
},
{
  _id: 'flexibility.',
  count: 2
},
{
  _id: 'a',
  count: 2
},
{
  _id: 'large',
  count: 2
}
```

```
    _id: 'large',  
    count: 2  
  },  
  {  
    _id: 'and',  
    count: 2  
  },  
  {  
    _id: 'Aggregation',  
    count: 2  
  },  
  {  
    _id: 'in',  
    count: 2  
  },  
  {  
    _id: 'Learning',  
    count: 2  
  },  
  {  
    _id: 'engaging.',  
    count: 2  
  },  
  {  
    _id: 'MongoDB',  
    count: 4  
  },  
  {  
    _id: 'data',  
    count: 2  
  },  
  {  
    _id: 'MapReduce',  
    count: 2  
  }  
}
```

```
{
  _id: 'data',
  count: 2
},
{
  _id: 'MapReduce',
  count: 2
},
{
  _id: 'is',
  count: 4
}
]
}
schoolDB> |
```