Matthew Bernardo Big Data and Data Mining

**JSON to XML**

<?xml version="1.0" encoding="UTF-8"?>

<root>

<cachedContents>

<non\_null>2880</non\_null>

</cachedContents>

<dataTypeName>text</dataTypeName>

<fieldName>cause\_of\_death</fieldName>

<id>122021749</id>

<name>Cause of Death</name>

<position>5</position>

<renderTypeName>text</renderTypeName>

<tableColumnId>16422634</tableColumnId>

<width>268</width>

</root>

"smallest" : "ACCIDENTS EXCEPT DRUG POISONING",

"null" : 0,

"largest" : "VIRAL HEPATITIS",

"top" : [ {

"count" : 20,

"item" : "HUMAN IMMUNODEFICIENCY VIRUS DISEASE"

}, {

"count" : 19,

"item" : "INFLUENZA AND PNEUMONIA"

}, {

"count" : 18,

"item" : "INTENTIONAL SELF-HARM (SUICIDE)"

}, {

"count" : 17,

"item" : "MALIGNANT NEOPLASMS"

}, {

"count" : 16,

"item" : "MENTAL DISORDERS DUE TO USE OF ALCOHOL"

}, {

"count" : 15,

"item" : "NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS"

}, {

"count" : 14,

"item" : "PEPTIC ULCER"

}, {

"count" : 13,

"item" : "PSYCH. SUBSTANCE USE & ACCIDENTAL DRUG POISONING"

}, {

"count" : 12,

"item" : "SEPTICEMIA"

}, {

"count" : 11,

"item" : "SHORT GESTATION/LBW"

}, {

"count" : 10,

"item" : "VIRAL HEPATITIS"

}, {

"count" : 9,

"item" : "ACCIDENTS EXCEPT DRUG POISONING"

}, {

"count" : 8,

"item" : "ALZHEIMERS DISEASE"

}, {

"count" : 7,

"item" : "AORTIC ANEURYSM AND DISSECTION"

}, {

"count" : 6,

"item" : "ATHEROSCLEROSIS"

}, {

"count" : 5,

"item" : "BENIGN AND UNCERTAIN NEOPLASMS"

}, {

"count" : 4,

"item" : "CEREBROVASCULAR DISEASE"

}, {

"count" : 3,

"item" : "CHOLELITHIASIS AND DISORDERS OF GALLBLADDER"

}, {

"count" : 2,

"item" : "CHRONIC LIVER DISEASE AND CIRRHOSIS"

}, {

"count" : 1,

"item" : "CHRONIC LOWER RESPIRATORY DISEASES"

} ]

},

XML to JSON

{

"row": {

"-\_id": "1",

"-\_uuid": "A1A782F4-BAA0-4BD1-9A60-F4D14B2F94F9",

"-\_position": "1",

"-\_address": "http://data.medicare.gov/resource/xubh-q36u/1",

"parsererror": {

"-style": "display: block; white-space: pre; border: 2px solid #c77; padding: 0 1em 0 1em; margin: 1em; background-color: #fdd; color: black",

"h3": [

"This page contains the following errors:",

"Below is a rendering of the page up to the first error."

],

"div": {

"-style": "font-family:monospace;font-size:12px",

"#text": "error on line 3 at column 5: Extra content at the end of the document

"

}

},

"provider\_id": "010001",

"hospital\_name": "SOUTHEAST ALABAMA MEDICAL CENTER",

"address": "1108 ROSS CLARK CIRCLE",

"city": "DOTHAN",

"state": "AL",

"zip\_code": "36301",

"county\_name": "HOUSTON",

"phone\_number": { "-phone\_number": "3347938701" },

"hospital\_type": "Acute Care Hospitals",

"hospital\_ownership": "Government - Hospital District or Authority",

"emergency\_services": "true",

"location": {

"-human\_address": "{\"address\":\"1108 ROSS CLARK CIRCLE\",\"city\":\"DOTHAN\",\"state\":\"AL\",\"zip\":\"36301\"}",

"-latitude": "31.21537937900007",

"-longitude": "-85.36146587999997",

"-needs\_recoding": "false"

}

}

}