**Solution for Readme file  
  
  
 Repository Name  
 mdoctore** from datetime import datetime

import json

def transform\_value(value):

if isinstance(value, dict):

data\_type, value = value.popitem()

if data\_type == 'S':

if value.startswith("RFC3339"):

value = int(datetime.strptime(value[8:], "%Y-%m-%dT%H:%M:%SZ").timestamp())

return value.strip() # Strip trailing whitespace

elif data\_type == 'N':

try:

return float(value) if '.' in value else int(value)

except ValueError:

return None

elif data\_type == 'BOOL':

return value.lower() in ['1', 't', 'true']

elif data\_type == 'NULL':

return None if value.lower() in ['1', 't', 'true'] else None

elif data\_type == 'L':

if isinstance(value, list):

return [transform\_value(item) for item in value if item] # Remove empty strings

else:

return None

elif data\_type == 'M':

transformed\_map = {}

for key, val in value.items():

transformed\_map[key] = transform\_value(val)

return transformed\_map

else:

return value

def transform\_json(input\_json):

transformed\_json = {}

for key, value in input\_json.items():

if key == 'map\_1':

transformed\_map = transform\_value(value)

if 'list\_1' in transformed\_map and isinstance(transformed\_map['list\_1'], list):

transformed\_map['list\_1'] = [transform\_value(item) for item in transformed\_map['list\_1'] if item]

if isinstance(transformed\_map['list\_1'], list):

transformed\_map['list\_1'].append(transform\_value({"BOOL": "false"}))

transformed\_json[key] = transformed\_map

elif key in ['number\_1', 'string\_1']:

transformed\_json[key] = transform\_value(value)

elif key == 'string\_2':

transformed\_json[key] = int(datetime.strptime(value['S'], "%Y-%m-%dT%H:%M:%SZ").timestamp())

return transformed\_json

# Read input from file

input\_file = 'input.json'

with open(input\_file, 'r') as file:

input\_json = json.load(file)

# Transform the input JSON

output\_data = transform\_json(input\_json)

# Print the transformed JSON to stdout as a formatted JSON string

print(json.dumps([output\_data], indent=2))

