Publishing Data to IBM Cloud

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Project Name	Project: Signs with Smart Connectivity for BetterRoad Safety

Python Code :

```python
from ibmcloudant import CouchDbSessionAuthenticator

from ibm_cloud_sdk_core.authenticators import BasicAuthenticator


authenticator = BasicAuthenticator('apikey-v2-16u3crmdpkghhxefdi
kvpssoh5fwezrmuup5fv5g3ubz', 'b0ab119f45d3e6255eabb978')

service = CloudantV1(authenticator=authenticator)


service.set_service_url('https://apikey-v2-
16u3ermdpkghhxefdikvpssoh5fwezrmuup5fv5g3ubz:b0ab119145d3e6255eab
b978e7e2f0')


cap= cv2.VideoCapture(0)

font = cv2.FONT_HERSHEY_PLAIN


while True:

        _, frame = cap.read()

        decodedObjects = pyzbar.decode (frame)
```

```python
        for obj in decodedObjects:

                #print ("Data", obj.data)

                a=obj.data.decode('UTF-8')

                cv2.putText(frame, "Ticket", (50, 50), font, 2,        (255, 0, 0), 3)


                #print (a)

                try:

                        response = service.get_document(

                                db='booking',

                                doc_id = a

                        ).get_result()

                        print (response)

                        time.sleep(5)

                except Exception as e:

                        print ("Not a Valid Ticket")

                        time.sleep(5)


        cv2.imshow("Frame",frame)

        if cv2.waitKey(1) & 0xFF ==ord('q'):

                break

cap.release()

cv2.destroyAllWindows()

client.disconnect()
```