1. **Create Raspberry Pi Thing**

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Fig. 1. Screenshot of creating the Raspberry Pi Thing on AWS IoT

1. **Generate Certificate and Create Policy**

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Fig. 2. Screenshot of generating certificate and creating policy on AWS IoT

1. **Download Certificate and Keys from Policy**

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Fig. 3. Screenshot of downloading the certificate and keys

1. **Attach the Certificate to the Thing**

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Fig. 4. Screenshot of attaching the certificate to the Thing that created earlier

1. **Transfer Required Files to the Raspberry Pi**

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Fig. 5. Screenshot of transferring required files to the Raspberry Pi

1. **Update the Domain Name**

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Fig. 6. Screenshot of updating the Domain Name in the pipython.py script

1. **Subscribe to device/data and run Python script to send data to AWS**

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Fig. 7. Screenshot of running the pipython.py script

1. **Update code to send JSON payload so that AWS can read the data**

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Fig. 8. Screenshot of the pipython.py script with the updated code and received payload

1. **Create a rule and set SQL statement**

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Fig. 9. Screenshot of the SQL statement that is used to retrieve all data related to the device, from the database that is going to get created

1. **Create DynamoDB table and configure rule**

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Fig. 10. Screenshot of the steps and configuration of creating a DynamoDB table in AWS

1. **Run the Python script and see the DynamoDB table filled up with data**

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Fig. 11. Screenshot of the result shown on DynamoDB after running the script