

Execution
Steps

1

2

3

[Data](#)

[Model](#)

[Result](#)

Blockchain-backed analytics



Data

Train/Input Data Set - Drag and Drop or [Click to Select a File](#)

Add to blockchain



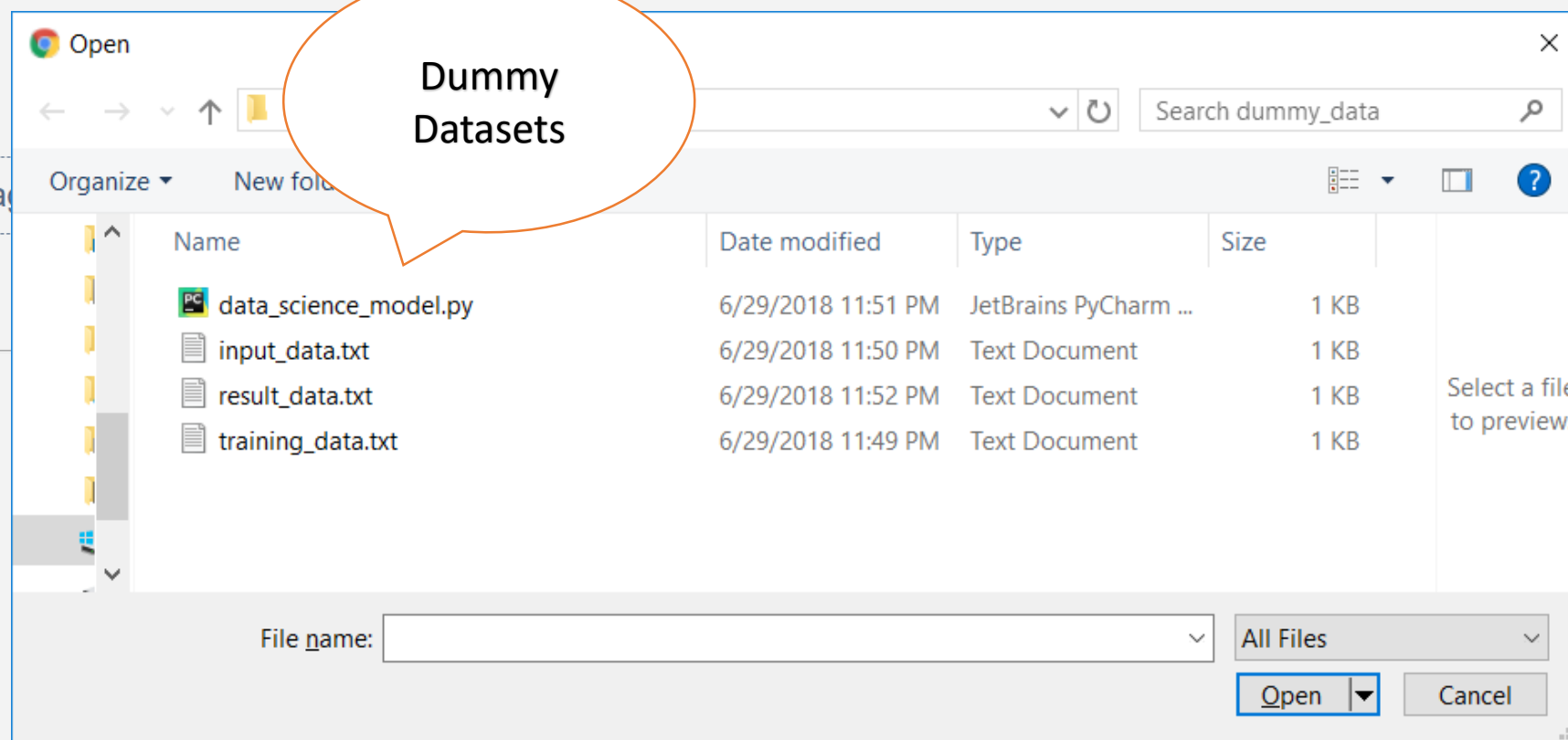
Blockchain-backed analytics

[Data](#) [Model](#) [Result](#)

Data

Train/Input Data Set - Drag

Add to blockchain





1

Blockchain-backed analytics

[Data](#) [Model](#) [Result](#)

Data

Train/Input Data Set - Drag and Drop

training_data.txt

7f3c4c1444ff4dc86b75677566d398f86fa389f870b957e0231987ecb02bd2a5

Add to blockchain

Hash of the data

Transaction added to blockchain

0	: 2018-07-02 17:10:17 , the genesis block
1	: 2018-07-02 17:19:21 , { hash_data: 7f3c4c1444ff4dc86b75677566d398f86fa389f870b957e0231987ecb02bd2a5 }



2

Blockchain-backed analytics

[Data](#) [Model](#)

Model

TransactionID
of the training
data set

Hash of the
data science
model / code
file

Data Science Model File

1

data_science_model.py

54df0551a9532e4f4a59aacace6a6162b5b8eb740d3c65bbd3c5f642b88890cd

Add to blockchain

0 : 2018-07-02 17:10:17 , the genesis block

1 : 2018-07-02 17:19:21 , { hash_data: 7f3c4c1444ff4dc86b75677566d398f86fa389f870b957e0231987ecb02bd2a5 }

2 : 2018-07-02 17:21:12 , { hash_data: 9d35e6b8af2410d5a83ab850d29140e78691cdb06690fbc1806c011827469cb1 }



2

Blockchain-backed analytics

[Data](#) [Model](#) [Result](#)

Model

Data Science Model - Drag and Drop or [Click to Select a File](#)

1

data_science_model.py

54df0551a9532e4f4a59aacace6a6162b5b8eb740d3c65bbd3c5f642b88890cd

Add to blockchain

0	: 2018-07-02 17:10:17 , the genesis block
1	: 2018-07-02 17:19:21 , { hash_data: 7f3c4c1444ff4dc86b75677566d398f86fa389f870b957e0231987ecb02bd2a5 }
2	: 2018-07-02 17:21:12 , { hash_data: 9d35e6b8af2410d5a83ab850d29140e78691cdb06690fbc1806c011827469cb1 }
3	: 2018-07-02 17:21:51 , { hash_model: 54df0551a9532e4f4a59aacace6a6162b5b8eb740d3c65bbd3c5f642b88890cd, transaction_id_training_data: 1 }

Transaction
added to
blockchain

Blockchain-backed analyt

127.0.0.1:8050/ResultBlock

GfK

3

Data

Model

Result

Result

Result Data Set - Drag

3

2

result_data.txt

25e51ed89f6eece99690e6766c4ebee901cbb0e39f56ba95452e09cf6e6ae4f

Add to blockchain

Blockchain-backed analytics

TransactionID of the data science model

TransactionID of the input data set

Transaction added to blockchain

0 : 2018-07-02 17:10:17 , the genesis block

1 : 2018-07-02 17:19:21 , { hash_data: 7f3c4c1444ff4dc86b75677566d398f86fa389f870b957e0231987ecb02bd2a5 }

2 : 2018-07-02 17:21:12 , { hash_data: 9d35e6b8af2410d5a83ab850d29140e78691cdb06690fbc1806c011827469cb1 }

3 : 2018-07-02 17:21:51 , { hash_model: 54df0551a9532e4f4a59aacace6a6162b5b8eb740d3c65bbd3c5f642b88890cd, transaction_id_training_data:

4 : 2018-07-02 17:22:25 , { hash_result_data: 25e51ed89f6eece99690e6766c4ebee901cbb0e39f56ba95452e09cf6e6ae4f, transaction_id_model: 3, transaction_id_input_data: 2 }