

```

Implementierungen
database
    fruits-360_dataset_original-size
    fruits-360_dataset_100x100
        fruits-360
            Test
                Apple 6
                Apple Braeburn 1
                etc.
            Training
                Apple 6
                Apple Braeburn 1
                etc.
        etc.

```

A.2 Liste der Früchte des Fruits 360-Datensatzes

Apple 6	Apple Braeburn 1	Apple Crimson Snow 1	Apple Golden 1	Apple Golden 2
Apple Golden 3	Apple Granny Smith 1	Apple hit 1	Apple Pink Lady 1	Apple Red 1
Apple Red 2	Apple Red 3	Apple Red Delicious 1	Apple Red Yellow 1	Apple Red Yellow 2
Apricot 1	Avocado 1	Avocado ripe 1	Banana 1	Banana Lady Finger 1
Banana Red 1	Beetroot 1	Blueberry 1	Cabbage white 1	Cactus fruit 1
Cantaloupe 1	Cantaloupe 2	Carambula 1	Carrot 1	Cauliflower 1
Cherry 1	Cherry 2	Cherry Rainier 1	Cherry Wax Black 1	Cherry Wax Red 1
Cherry Wax Yellow 1	Chestnut 1	Clementine 1	Cocos 1	Corn 1
Corn Husk 1	Cucumber 1	Cucumber 3	Cucumber Ripe 1	Cucumber Ripe 2
Dates 1	Eggplant 1	Eggplant long 1	Fig 1	Ginger Root 1
Granadilla 1	Grape Blue 1	Grape Pink 1	Grape White 1	Grape White 2
Grape White 3	Grape White 4	Grapefruit Pink 1	Grapefruit White 1	Guava 1
Hazelnut 1	Huckleberry 1	Kaki 1	Kiwi 1	Kohlrabi 1
Kumquats 1	Lemon 1	Lemon Meyer 1	Limes 1	Lychee 1
Mandarine 1	Mango 1	Mango Red 1	Mangostan 1	Maracuja 1
Melon Piel de Sapo 1	Mulberry 1	Nectarine 1	Nectarine Flat 1	Nut Forest 1
Nut Pecan 1	Onion Red 1	Onion Red Peeled 1	Onion White 1	Orange 1
Papaya 1	Passion Fruit 1	Peach 1	Peach 2	Peach Flat 1
Pear 1	Pear 2	Pear 3	Pear Abate 1	Pear Forelle 1
Pear Kaiser 1	Pear Monster 1	Pear Red 1	Pear Stone 1	Pear Williams 1
Pepino 1	Pepper Green 1	Pepper Orange 1	Pepper Red 1	Pepper Yellow 1
Physalis 1	Physalis with Husk 1	Pineapple 1	Pineapple Mini 1	Pitahaya Red 1
Plum 1	Plum 2	Plum 3	Pomegranate 1	Pomelo Sweetie 1
Potato Red 1	Potato Red Washed 1	Potato Sweet 1	Potato White 1	Quince 1
Rambutan 1	Raspberry 1	Redcurrant 1	Salak 1	Strawberry 1
Strawberry Wedge 1	Tamarillo 1	Tangelo 1	Tomato 1	Tomato 2
Tomato 3	Tomato 4	Tomato Cherry Red 1	Tomato Heart 1	Tomato Maroon 1
Tomato not Ripened 1	Tomato Yellow 1	Walnut 1	Watermelon 1	Zucchini 1
Zucchini dark 1				

A.3 Liste der Python-Skripte

- Databasedec.py

- `CNN.py`
- `CNNInputTune.py`
- `CNNImageDataGenerator.py`
- `CNNRandomizedArchitecture.py`
- `CNNRandomOptimizer.py`
- `CNNFinal.py`