python3 DecisionTree.py -data 2 -sample 20 -depth 10

y > 0.605 -> Class: blue

y < 0.605

| y > 0.249

| | x > 0.689 -> Class: red

| | x < 0.689

| | | x > 0.221 -> Class: blue

| | | x < 0.221 -> Class: blue

| y < 0.249 -> Class: red

python3 DecisionTree.py -data 2

y > 0.605 -> Class: blue

y < 0.605

| y > 0.249

| | x > 0.689 -> Class: red

| | x < 0.689

| | | x > 0.221

| | | | x > 0.558

| | | | | y > 0.477 -> Class: red

| | | | | y < 0.477 -> Class: red

| | | | x < 0.558

| | | | | x > 0.264 -> Class: blue

| | | | | x < 0.264

| | | | | | x > 0.243 -> Class: blue

| | | | | | x < 0.243 -> Class: blue

| | | x < 0.221 -> Class: blue

| y < 0.249

| | y > 0.210

| | | y > 0.215 -> Class: red

| | | y < 0.215 -> Class: red

| | y < 0.210 -> Class: red

python3 DecisionTree.py -data 1 -sample 3 -depth 2

x > 0.240

| x > 0.374 -> Class: red

| x < 0.374 -> Class: red

x < 0.240 -> Class: blue

python3 DecisionTree.py -data 1

x > 0.240

| x > 0.374

| | x > 0.521

| | | y > 0.534 -> Class: red

| | | y < 0.534 -> Class: red

| | x < 0.521 -> Class: blue

| x < 0.374 -> Class: red

x < 0.240 -> Class: blue