**LBP KNN**

runfile('C:/Users/dutta/Desktop/Project/testing.py', wdir='C:/Users/dutta/Desktop/Project')

neighbors3

Cubism Count= 56

Impressionism Count= 59

Pop Art Count= 45

Realism Count= 27

187

runfile('C:/Users/dutta/Desktop/Project/testing.py', wdir='C:/Users/dutta/Desktop/Project')

neighbors1

Cubism Count= 54

Impressionism Count= 63

Pop Art Count= 47

Realism Count= 35

199

runfile('C:/Users/dutta/Desktop/Project/testing.py', wdir='C:/Users/dutta/Desktop/Project')

neighbors10

Cubism Count= 53

Impressionism Count= 72

Pop Art Count= 46

Realism Count= 36

207

runfile('C:/Users/dutta/Desktop/Project/testing.py', wdir='C:/Users/dutta/Desktop/Project')

neighbors25

Cubism Count= 47

Impressionism Count= 70

Pop Art Count= 43

Realism Count= 40

200

runfile('C:/Users/dutta/Desktop/Project/testing.py', wdir='C:/Users/dutta/Desktop/Project')

neighbors50

Cubism Count= 44

Impressionism Count= 74

Pop Art Count= 42

Realism Count= 35

195

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**CSD KNearest**

n\_neighbors=1

Cubism Count= 23

Impressionism Count= 44

Pop Art Count= 37

Realism Count= 54

158

n\_neighbors=3

Cubism Count= 33

Impressionism Count= 40

Pop Art Count= 35

Realism Count= 57

165

n\_neighbors=5

Cubism Count= 31

Impressionism Count= 37

Pop Art Count= 43

Realism Count= 55

166

n\_neighbors=10

Cubism Count= 27

Impressionism Count= 46

Pop Art Count= 41

Realism Count= 66

180

n\_neighbors=25

Cubism Count= 24

Impressionism Count= 41

Pop Art Count= 45

Realism Count= 70

180

n\_neighbors=50

Cubism Count= 27

Impressionism Count= 42

Pop Art Count= 46

Realism Count= 65

180

n\_neighbors=100

Cubism Count= 32

Impressionism Count= 51

Pop Art Count= 44

Realism Count= 64

191

n\_neighbors=150

Cubism Count= 35

Impressionism Count= 53

Pop Art Count= 40

Realism Count= 61

189

n\_neighbors=200

Cubism Count= 40

Impressionism Count= 56

Pop Art Count= 34

Realism Count= 60

190

**Both Knn**

n\_neighbors=1

Cubism Count= 23

Impressionism Count= 44

Pop Art Count= 37

Realism Count= 54

158

n\_neighbors=3

Cubism Count= 33

Impressionism Count= 40

Pop Art Count= 35

Realism Count= 57

165

n\_neighbors=5

Cubism Count= 31

Impressionism Count= 37

Pop Art Count= 43

Realism Count= 55

166

n\_neighbors=10

Cubism Count= 27

Impressionism Count= 46

Pop Art Count= 41

Realism Count= 66

180

n\_neighbors=25

Cubism Count= 24

Impressionism Count= 41

Pop Art Count= 45

Realism Count= 70

180

n\_neighbors=50

Cubism Count= 27

Impressionism Count= 42

Pop Art Count= 46

Realism Count= 65

180

n\_neighbors=100

Cubism Count= 32

Impressionism Count= 51

Pop Art Count= 44

Realism Count= 64

191

n\_neighbors=150

Cubism Count= 35

Impressionism Count= 53

Pop Art Count= 40

Realism Count= 61

189

n\_neighbors=200

Cubism Count= 37

Impressionism Count= 58

Pop Art Count= 28

Realism Count= 58

181

**LBP Linear SVC**

c100 randomstate=1

Cubism Count= 62

Impressionism Count= 82

Pop Art Count= 62

Realism Count= 31

237

C=150,random\_state=1

Cubism Count= 67

Impressionism Count= 79

Pop Art Count= 64

Realism Count= 29

239

c1 randomstate=1

Cubism Count= 32

Impressionism Count= 72

Pop Art Count= 38

Realism Count= 28

170

C=0.1,random\_state=1

Cubism Count= 27

Impressionism Count= 82

Pop Art Count= 33

Realism Count= 12

154

C=5,random\_state=1

Cubism Count= 44

Impressionism Count= 73

Pop Art Count= 48

Realism Count= 31

196

C=10,random\_state=1

Cubism Count= 48

Impressionism Count= 73

Pop Art Count= 53

Realism Count= 35

209

C=50,random\_state=1

Cubism Count= 58

Impressionism Count= 77

Pop Art Count= 62

Realism Count= 38

235

C=200,random\_state=1

Cubism Count= 72

Impressionism Count= 90

Pop Art Count= 46

Realism Count= 10

218

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**CSD Linear SVC**

C=1,random\_state=1

Cubism Count= 34

Impressionism Count= 42

Pop Art Count= 47

Realism Count= 18

141

C=1,random\_state=50

Cubism Count= 19

Impressionism Count= 12

Pop Art Count= 53

Realism Count= 68

152

C=1,random\_state=100

Cubism Count= 72

Impressionism Count= 34

Pop Art Count= 26

Realism Count= 20

152

**BOTH LBP CSD**

**Linear SVC**

C=100,random\_state=100

Cubism Count= 72

Impressionism Count= 34

Pop Art Count= 26

Realism Count= 20

152

C=50,random\_state=50

Cubism Count= 19

Impressionism Count= 12

Pop Art Count= 53

Realism Count= 68

152

C=0.1,random\_state=1

Cubism Count= 34

Impressionism Count= 42

Pop Art Count= 47

Realism Count= 18

141

Naïve Bayes Classifier-GaussianNB(CSL)

Cubism Count= 36

Impressionism Count= 38

Pop Art Count= 50

Realism Count= 77

201

Naïve Bayes Classifier-GaussianNB(LBP)

Cubism Count= 17

Impressionism Count= 73

Pop Art Count= 37

Realism Count= 36

163

**Random Forest Both**

random\_state=0

Cubism Count= 59

Impressionism Count= 53

Pop Art Count= 55

Realism Count= 51

218

random\_state=1

Cubism Count= 53

Impressionism Count= 49

Pop Art Count= 50

Realism Count= 52

204

random\_state=5

Cubism Count= 57

Impressionism Count= 56

Pop Art Count= 57

Realism Count= 48

218

random\_state=10

Cubism Count= 61

Impressionism Count= 59

Pop Art Count= 53

Realism Count= 49

222

random\_state=25

Cubism Count= 66

Impressionism Count= 56

Pop Art Count= 54

Realism Count= 47

223

random\_state=50

Cubism Count= 62

Impressionism Count= 58

Pop Art Count= 59

Realism Count= 45

224

**Random Forest LBP**

Random\_state=1

Cubism Count= 67

Impressionism Count= 64

Pop Art Count= 61

Realism Count= 44

236

Random\_state=0

Cubism Count= 63

Impressionism Count= 58

Pop Art Count= 60

Realism Count= 44

225

Random\_state=5

Cubism Count= 61

Impressionism Count= 62

Pop Art Count= 60

Realism Count= 46

229

Random\_state=10

Cubism Count= 60

Impressionism Count= 66

Pop Art Count= 62

Realism Count= 39

227

Random\_state=50

Cubism Count= 59

Impressionism Count= 59

Pop Art Count= 57

Realism Count= 29

204

**Random Forest CSD**

Random\_state=1

Cubism Count= 41

Impressionism Count= 45

Pop Art Count= 39

Realism Count= 42

167

Random\_state=0

Cubism Count= 44

Impressionism Count= 42

Pop Art Count= 40

Realism Count= 39

165

Random\_state=5

Cubism Count= 50

Impressionism Count= 47

Pop Art Count= 48

Realism Count= 39

184

Random\_state=10

Cubism Count= 44

Impressionism Count= 46

Pop Art Count= 41

Realism Count= 38

169

Random\_state=50

Cubism Count= 47

Impressionism Count= 35

Pop Art Count= 32

Realism Count= 34

148

**Naïve Bayes**

Naïve Bayes Classifier-GaussianNB(CSL)

Cubism Count= 36

Impressionism Count= 38

Pop Art Count= 50

Realism Count= 77

201

Naïve Bayes Classifier-GaussianNB(LBP)

Cubism Count= 17

Impressionism Count= 73

Pop Art Count= 37

Realism Count= 36

163

Naïve Bayes Classifier-GaussianNB(LBP+CSD)

Cubism Count= 40

Impressionism Count= 40

Pop Art Count= 49

Realism Count= 75

204

**Both**

ExtraTreesClassifier(random\_state=1)

Cubism Count= 59

Impressionism Count= 57

Pop Art Count= 53

Realism Count= 48

217

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=0)

Cubism Count= 49

Impressionism Count= 52

Pop Art Count= 51

Realism Count= 55

207

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=5)

Cubism Count= 56

Impressionism Count= 48

Pop Art Count= 49

Realism Count= 50

203

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=10)

Cubism Count= 58

Impressionism Count= 56

Pop Art Count= 43

Realism Count= 54

211

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=25)

Cubism Count= 53

Impressionism Count= 57

Pop Art Count= 53

Realism Count= 58

221

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=50)

Cubism Count= 55

Impressionism Count= 55

Pop Art Count= 47

Realism Count= 53

210

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=100)

Cubism Count= 54

Impressionism Count= 53

Pop Art Count= 49

Realism Count= 46

202

**Csd**

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=1)

Cubism Count= 44

Impressionism Count= 50

Pop Art Count= 29

Realism Count= 48

171

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=10)

Cubism Count= 50

Impressionism Count= 48

Pop Art Count= 34

Realism Count= 39

171

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=50)

Cubism Count= 46

Impressionism Count= 42

Pop Art Count= 37

Realism Count= 39

164

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=0)

Cubism Count= 41

Impressionism Count= 46

Pop Art Count= 44

Realism Count= 49

180

**LBP**

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=0)

Cubism Count= 61

Impressionism Count= 67

Pop Art Count= 57

Realism Count= 33

218

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=1)

Cubism Count= 66

Impressionism Count= 64

Pop Art Count= 55

Realism Count= 36

221

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=5)

Cubism Count= 67

Impressionism Count= 64

Pop Art Count= 53

Realism Count= 43

227

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=10)

Cubism Count= 64

Impressionism Count= 63

Pop Art Count= 58

Realism Count= 39

224

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=25)

Cubism Count= 58

Impressionism Count= 62

Pop Art Count= 57

Realism Count= 42

219

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

ExtraTreesClassifier(random\_state=50)

Cubism Count= 63

Impressionism Count= 60

Pop Art Count= 58

Realism Count= 38

219

**DECISION TREE LBP**

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=1)

Cubism Count= 43

Impressionism Count= 52

Pop Art Count= 55

Realism Count= 44

194

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=5)

Cubism Count= 37

Impressionism Count= 56

Pop Art Count= 56

Realism Count= 46

195

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=19)

Cubism Count= 41

Impressionism Count= 55

Pop Art Count= 53

Realism Count= 41

190

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=25)

Cubism Count= 38

Impressionism Count= 56

Pop Art Count= 56

Realism Count= 41

191

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=50)

Cubism Count= 41

Impressionism Count= 53

Pop Art Count= 53

Realism Count= 44

191

**CSD**

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=0)

Cubism Count= 38

Impressionism Count= 44

Pop Art Count= 45

Realism Count= 43

170

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=1)

Cubism Count= 31

Impressionism Count= 43

Pop Art Count= 44

Realism Count= 47

165

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=5)

Cubism Count= 41

Impressionism Count= 40

Pop Art Count= 42

Realism Count= 50

173

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=10)

Cubism Count= 37

Impressionism Count= 37

Pop Art Count= 48

Realism Count= 45

167

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=25)

Cubism Count= 40

Impressionism Count= 41

Pop Art Count= 47

Realism Count= 46

174

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=50)

Cubism Count= 42

Impressionism Count= 39

Pop Art Count= 46

Realism Count= 44

171

**BOTH**

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=0)

Cubism Count= 40

Impressionism Count= 49

Pop Art Count= 51

Realism Count= 52

192

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=1)

Cubism Count= 39

Impressionism Count= 48

Pop Art Count= 45

Realism Count= 54

186

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=5)

Cubism Count= 39

Impressionism Count= 45

Pop Art Count= 47

Realism Count= 51

182

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=10)

Cubism Count= 40

Impressionism Count= 48

Pop Art Count= 53

Realism Count= 50

191

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=25)

Cubism Count= 39

Impressionism Count= 53

Pop Art Count= 53

Realism Count= 49

194

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

DecisionTreeClassifier(random\_state=50)

Cubism Count= 36

Impressionism Count= 48

Pop Art Count= 48

Realism Count= 49

181

**AdaBoost Classifier**

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=5)

Cubism Count= 42

Impressionism Count= 38

Pop Art Count= 70

Realism Count= 42

192

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=10)

Cubism Count= 43

Impressionism Count= 44

Pop Art Count= 63

Realism Count= 49

199

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=25)

Cubism Count= 55

Impressionism Count= 56

Pop Art Count= 65

Realism Count= 52

228

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=50)

Cubism Count= 62

Impressionism Count= 55

Pop Art Count= 65

Realism Count= 59

241

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=100)

Cubism Count= 70

Impressionism Count= 57

Pop Art Count= 65

Realism Count= 63

255

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=150)

Cubism Count= 69

Impressionism Count= 54

Pop Art Count= 65

Realism Count= 66

254

runfile('C:/Users/dutta/Desktop/Project/testingboth.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=125)

Cubism Count= 71

Impressionism Count= 52

Pop Art Count= 66

Realism Count= 66

255

**CSD**

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=1)

Cubism Count= 93

Impressionism Count= 0

Pop Art Count= 0

Realism Count= 39

132

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=10)

Cubism Count= 39

Impressionism Count= 52

Pop Art Count= 46

Realism Count= 46

183

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=25)

Cubism Count= 37

Impressionism Count= 45

Pop Art Count= 52

Realism Count= 51

185

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=50)

Cubism Count= 44

Impressionism Count= 48

Pop Art Count= 51

Realism Count= 51

194

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=100)

Cubism Count= 52

Impressionism Count= 49

Pop Art Count= 49

Realism Count= 59

209

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=125)

Cubism Count= 55

Impressionism Count= 50

Pop Art Count= 50

Realism Count= 52

207

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=150)

Cubism Count= 55

Impressionism Count= 51

Pop Art Count= 51

Realism Count= 56

213

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=175)

Cubism Count= 56

Impressionism Count= 49

Pop Art Count= 52

Realism Count= 56

213

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=200)

Cubism Count= 58

Impressionism Count= 45

Pop Art Count= 51

Realism Count= 53

207

LBP

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=10)

Cubism Count= 45

Impressionism Count= 46

Pop Art Count= 58

Realism Count= 37

186

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=25)

Cubism Count= 56

Impressionism Count= 51

Pop Art Count= 60

Realism Count= 36

203

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=50)

Cubism Count= 56

Impressionism Count= 50

Pop Art Count= 61

Realism Count= 42

209

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=100)

Cubism Count= 64

Impressionism Count= 55

Pop Art Count= 63

Realism Count= 49

231

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=125)

Cubism Count= 65

Impressionism Count= 59

Pop Art Count= 64

Realism Count= 48

236

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=150)

Cubism Count= 68

Impressionism Count= 55

Pop Art Count= 65

Realism Count= 51

239

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=175)

Cubism Count= 66

Impressionism Count= 58

Pop Art Count= 68

Realism Count= 45

237

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

AdaBoostClassifier(n\_estimators=200)

Cubism Count= 64

Impressionism Count= 63

Pop Art Count= 68

Realism Count= 48

243

**LOGISTIC REGRESSION**

**BOTH**

LogisticRegression(C=1)

Cubism Count= 32

Impressionism Count= 43

Pop Art Count= 44

Realism Count= 54

173

LogisticRegression(C=25)

Cubism Count= 31

Impressionism Count= 41

Pop Art Count= 45

Realism Count= 54

171

LogisticRegression(C=0.1)

Cubism Count= 28

Impressionism Count= 41

Pop Art Count= 44

Realism Count= 55

168

**CSD**

LogisticRegression(C=0.1)

Cubism Count= 28

Impressionism Count= 36

Pop Art Count= 45

Realism Count= 53

162

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

LogisticRegression(C=1)

Cubism Count= 28

Impressionism Count= 39

Pop Art Count= 43

Realism Count= 53

163

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

LogisticRegression(C=50)

Cubism Count= 28

Impressionism Count= 38

Pop Art Count= 43

Realism Count= 53

162

runfile('C:/Users/dutta/Desktop/Project/testing\_csd.py', wdir='C:/Users/dutta/Desktop/Project')

LogisticRegression(C=150)

Cubism Count= 27

Impressionism Count= 39

Pop Art Count= 44

Realism Count= 53

163

**LBP**

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

LogisticRegression(C=10)

Cubism Count= 33

Impressionism Count= 68

Pop Art Count= 38

Realism Count= 33

172

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

LogisticRegression(C=50)

Cubism Count= 43

Impressionism Count= 70

Pop Art Count= 47

Realism Count= 39

199

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

LogisticRegression(C=100)

Cubism Count= 49

Impressionism Count= 71

Pop Art Count= 52

Realism Count= 40

212

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

LogisticRegression(C=150)

Cubism Count= 52

Impressionism Count= 72

Pop Art Count= 55

Realism Count= 40

219

runfile('C:/Users/dutta/Desktop/Project/testing\_lbp.py', wdir='C:/Users/dutta/Desktop/Project')

LogisticRegression(C=200)

Cubism Count= 56

Impressionism Count= 73

Pop Art Count= 58

Realism Count= 39

226