epsilon = 0.01

num\_epochs = 25000

0.648176228692

0.385222133846

0.383687008503

0.381157468627

0.378488898019

0.376099052143

0.374058783759

0.372352357625

0.371026219916

0.370101750367

0.369480635335

0.36902381527

0.368681638675

0.368651296544

0.370403576883

0.249522478439

0.198224139891

0.191579335408

0.189525017666

0.188921921088

0.188906977794

0.189146313455

0.189492742407

0.189879903545

0.190279847998

0.190683215297

0.191089202982

0.191500380601

0.191920082654

0.192351208719

0.192795779994

0.19325488136

0.193728779351

0.194217101762

0.194719020711

0.195233412928

0.195758988514

0.196294388192

0.196838252965

0.197389271357

0.197946209326

0.198507927328

0.19907338815

0.199641658383

0.200211905664

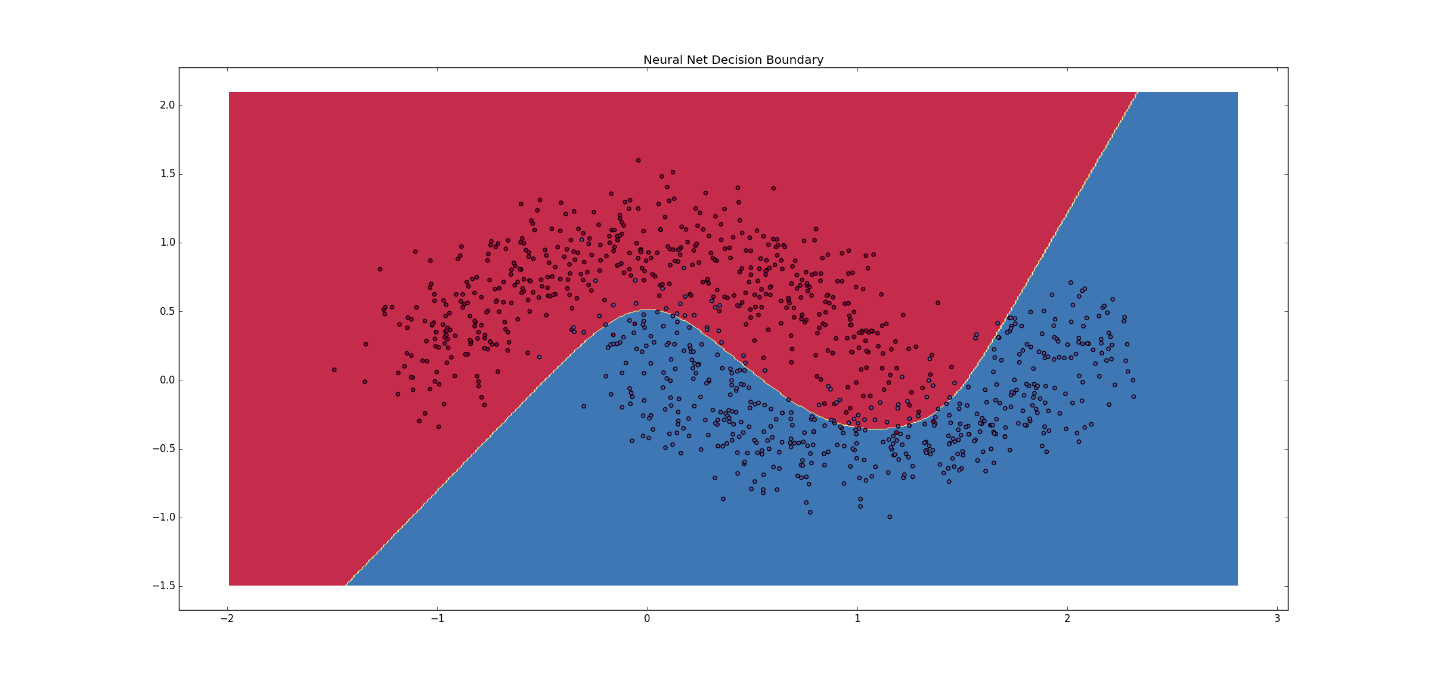
0.200783393283

0.201355473281

0.201927578834

0.202499216463

0.203069958417



epsilon = 0.001

num\_epochs = 25000

0.710670803292

0.328619082909

0.324378967113

0.324767166745

0.325541453046

0.32625974929

0.326861263293

0.327356891612

0.32776832243

0.328114374364

0.328409046794

0.328662223005

0.

0.329069084993

0.329230389584

0.

0.329478819032

0.329567883256

0.329634194244

0.329678033075

0.32969962306

0.329699199006

0.3296770543

0.329633571081

0.329569237591

0.32948465594

0.329380542841

0.329257725291

0.329117132795

0.328959787338

0.328786792068

0.328599319431

0.328398599308

0.3281859076

0.327962555566

0.327729880149

0.327489235449

0.327241985431

0.326989497929

0.326733139937

0.326474274111

0.326214256326

0.325954433898

0.325696143736

0.325440708907

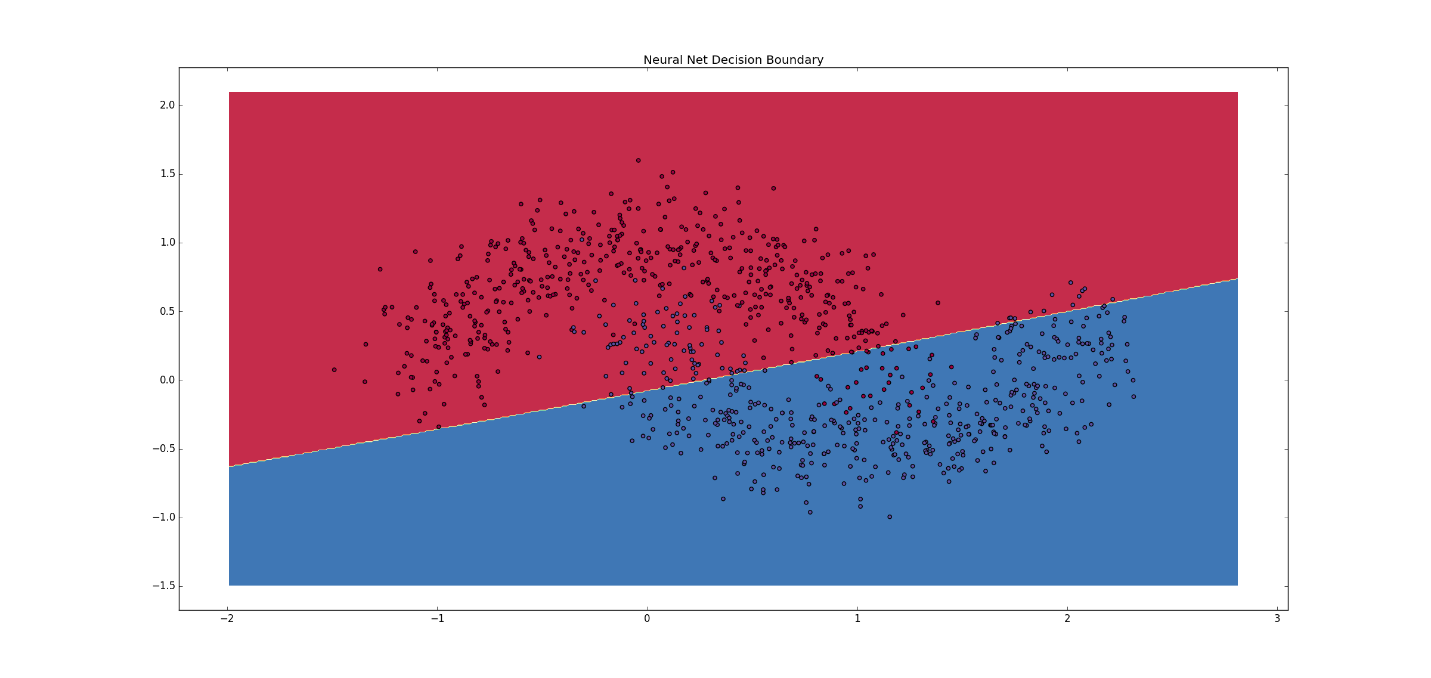
0.325189430566

0.324943569047

0.324704301151

0.324472625704

0.324249154503



epsilon = 0.1

num\_epochs = 5000

0.53919383123

0.462542513996

0.190069202868

0.189117050992

0.192824135494

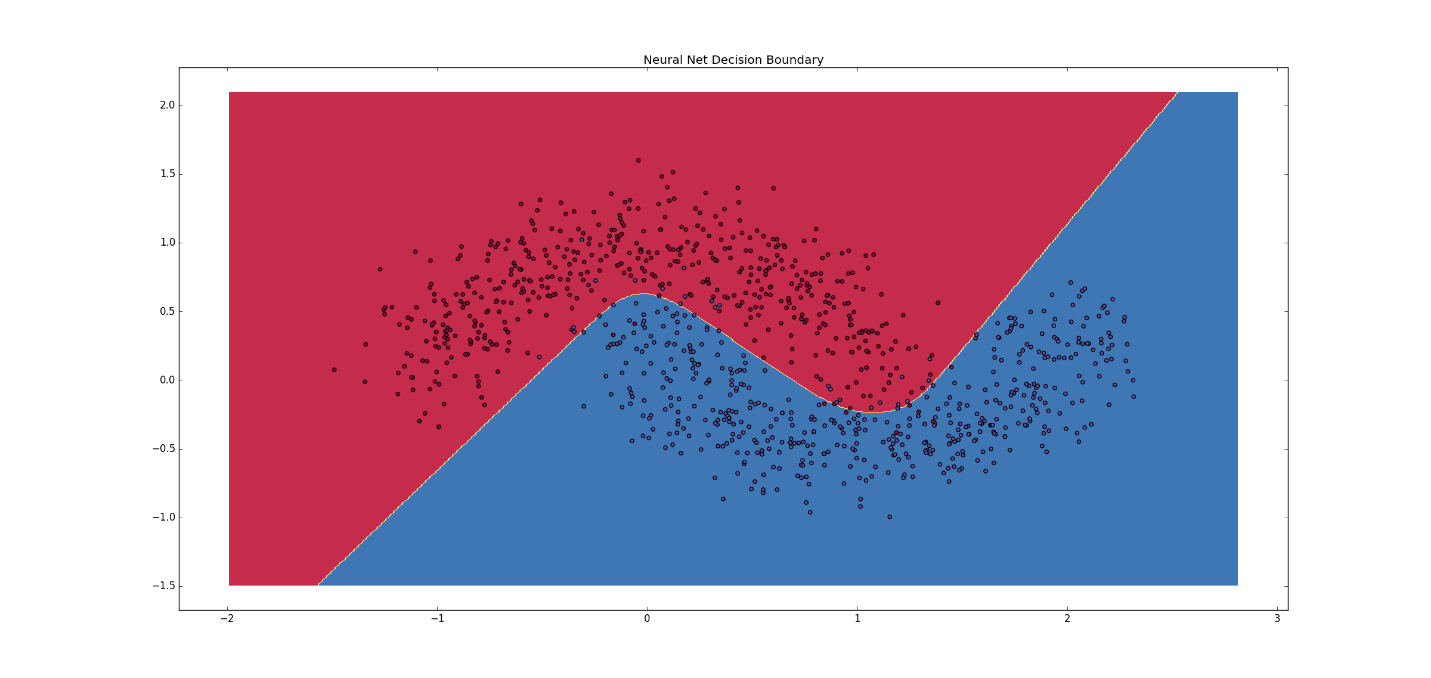
0.194776296335

0.195189624361

0.195126502463

0.194983700607

0.194858076119



epsilon = 0.1

num\_epochs = 10000

0.55779913771

0.184688670767

0.202304486737

0.216271699472

0.227041741262

0.235622630437

0.242680265818

0.248616346788

0.253685676185

0.258061646327

0.261869585692

0.265204284015

0.268139796692

0.270735330442

0.273039024714

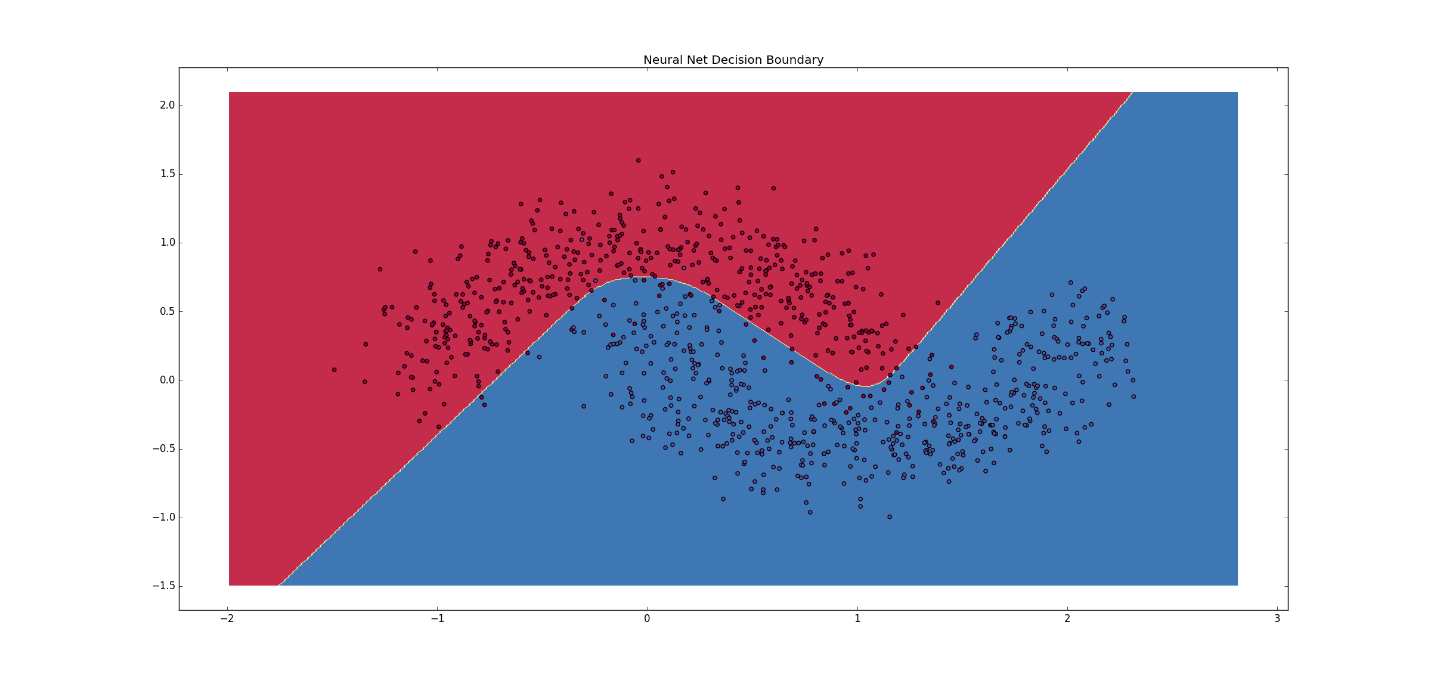
0.275090527613

0.276922833809

0.278563641989

0.280036383053

0.281361013469



epsilon = 0.1

num\_epochs = 20000

1.30006069276

0.581866415869

0.759301103145

0.651154391318

0.432782571697

0.67084101537

0.361634356418

0.588666922386

0.494477441244

0.856867226807

0.706360710507

0.357699126815

0.520917999208

0.51090735258

0.575876461691

0.327563745472

0.330829528887

0.625827089431

0.593868449469

0.115820034398

0.12321596631

0.115978332239

0.108335259936

0.1015226938

0.0990076794454

0.106769325401

0.116417690655

0.121639024847

0.125052156298

0.127572486576

0.129524592011

0.131075013176

0.132325967062

0.133346239554

0.134184891321

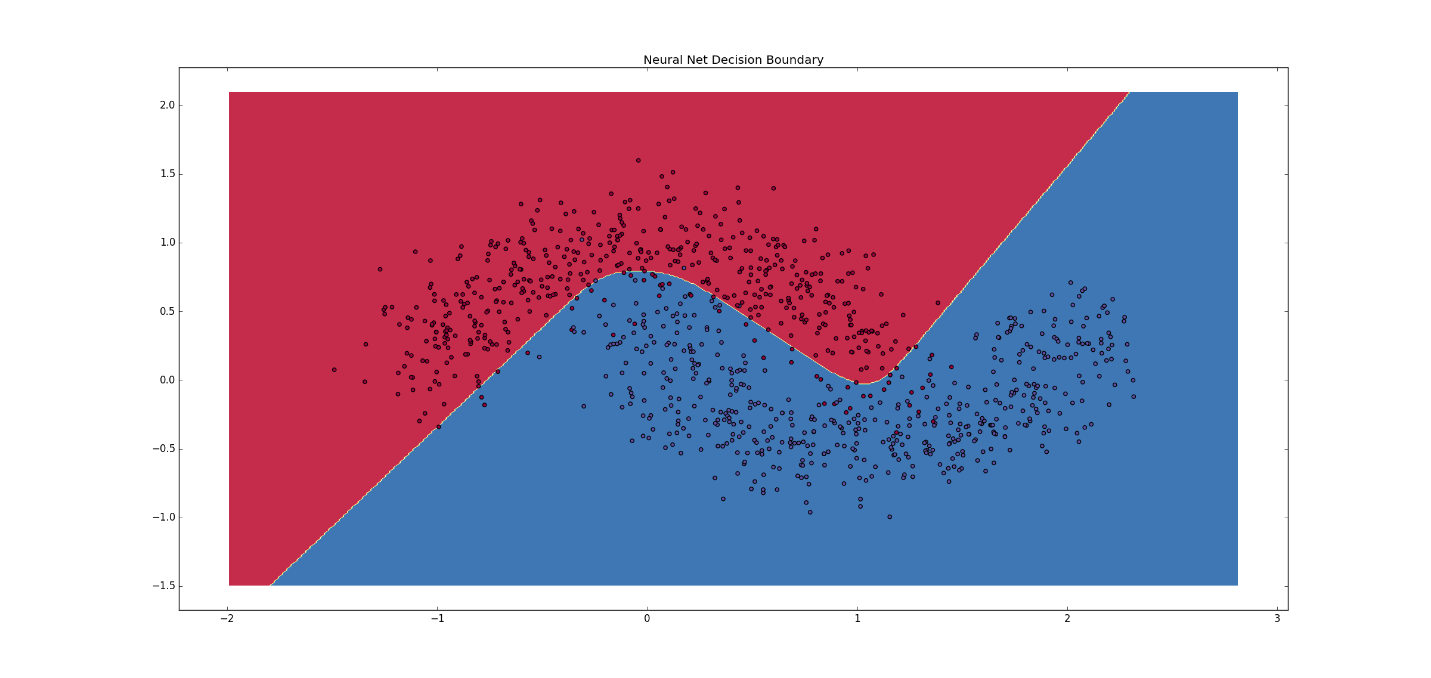
0.13487833975

0.135454389443

0.135934705274

0.136336425651

0.136673267362



epsilon = 0.1

num\_epochs = 25000

0.773339856065

0.107252459693

0.106831677345

0.105895721553

0.105122940303

0.104477741865

0.103957672531

0.103552649275

0.103242964072

0.103006134724

0.10282238937

0.102639078039

0.104643982944

0.104011088251

0.0999961229825

0.104877019987

0.1007283488

0.101651135147

0.104494340042

0.0998992075027

0.105166666447

0.0998312334888

0.103334260951

0.101024018553

0.101262865805

0.103718708872

0.0999580581231

0.104929797999

0.0996258778726

0.104150603841

0.0999595868941

0.102604784632

0.101086418314

0.101065387288

0.103202092766

0.100005604429

0.104535588059

0.0995952681564

0.104358003196

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0.10330411468

0.100203688866

0.101960166232

0.101451695093

0.100727809345

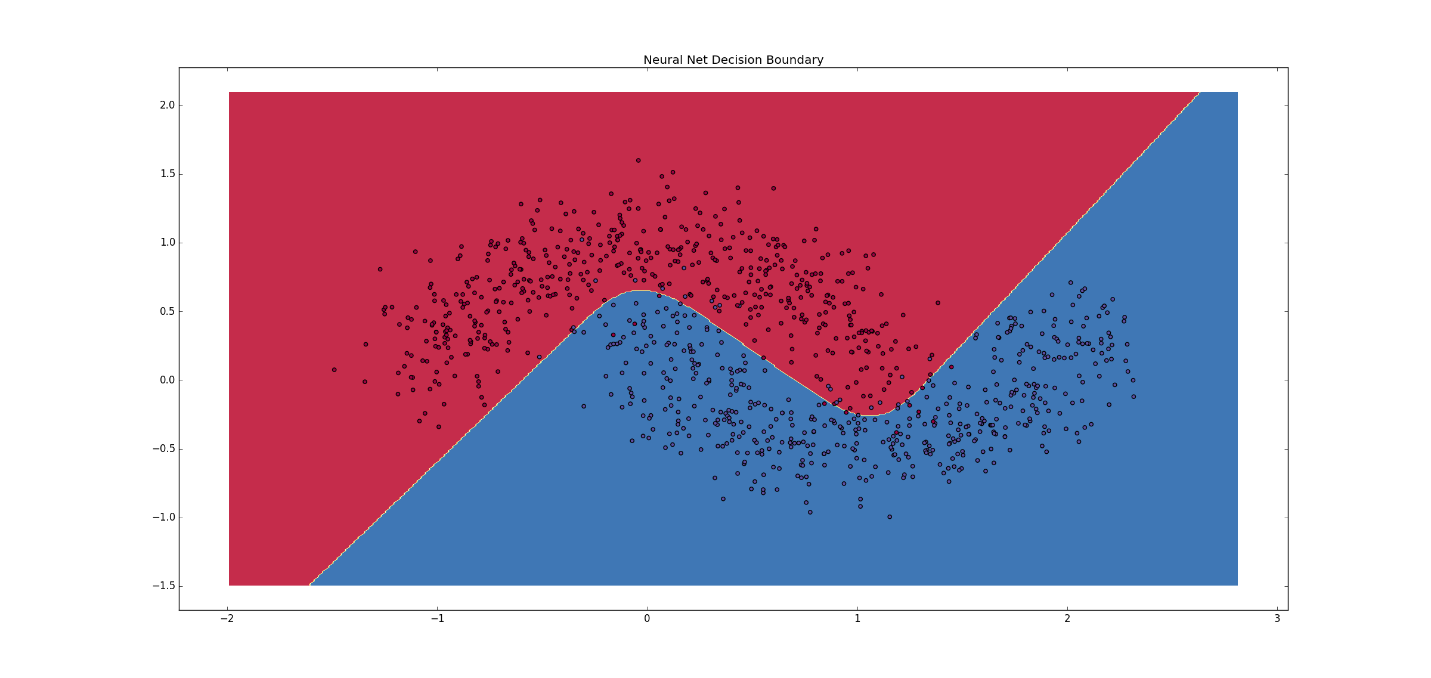
0.103307701438

0.0998978965394

0.10438452833

0.0995728849144

0.104254469497



epsilon = 0.1

num\_epochs = 25000

0.695950704096

0.179744835681

0.178515963547

0.177537370413

0.177007405507

0.176741357408

0.176628672058

0.17660924052

0.176648818371

0.176726592603

0.176829170311

0.176947550447

0.17707549664

0.177208601526

0.177343714543

0.177478573536

0.177611557637

0.177741516051

0.177867646393

0.177989406486

0.178106449381

0.17821857487

0.17832569294

0.178427795994

0.178524937628

0.178617216321

0.178704762883

0.178787730781

0.178866288722

0.178940621344

0.179012416159

0.179659953204

0.183616197167

0.186852244915

0.188432208438

0.185520118609

0.177148388307

0.169634227426

0.168695265396

0.173272858467

0.180769420848

0.187322064865

0.189238751244

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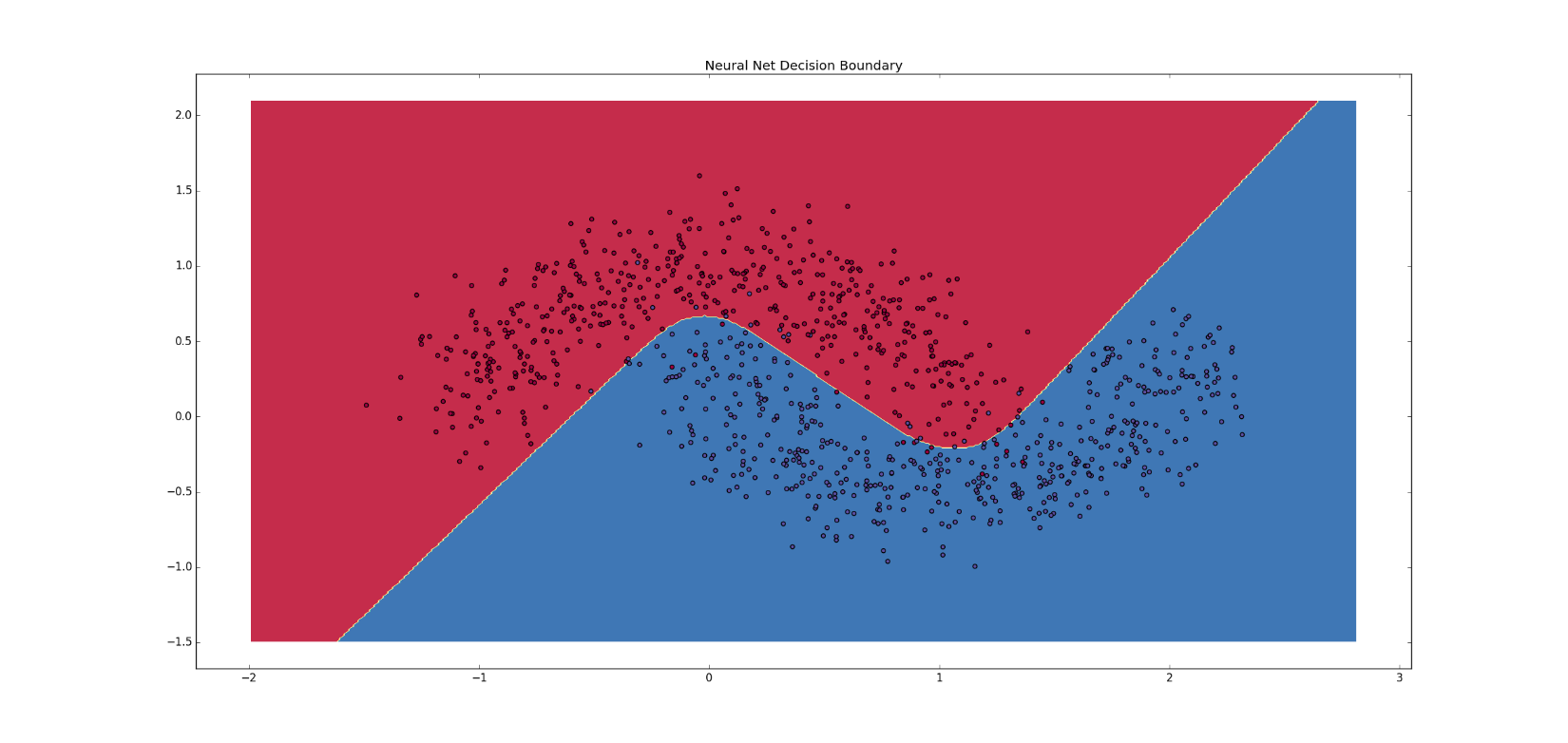
0.167762088288

0.171205904012

0.17913727365

0.18686510055

0.189743936213



epsilon = 0.05

num\_epochs = 5000

0.617952642458

0.29967662232

0.295922793097

0.319920742755

0.130624687801

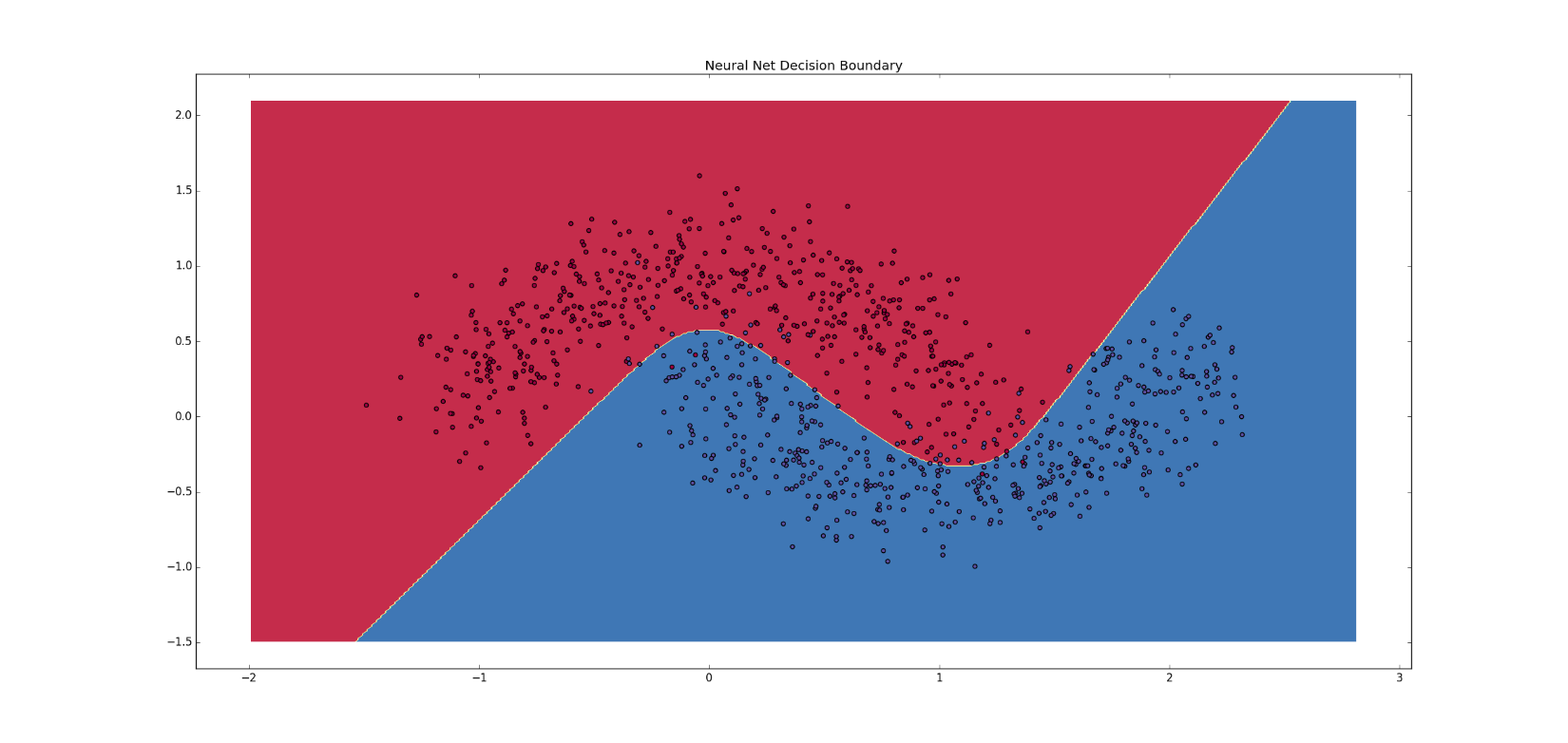
0.13197164786

0.135446879535

0.118751808518

0.122673437014

0.120674862382



epsilon = 0.075

num\_epochs = 5000

1.00873198369

0.155337631501

0.146002316559

0.140192086815

0.135864784361

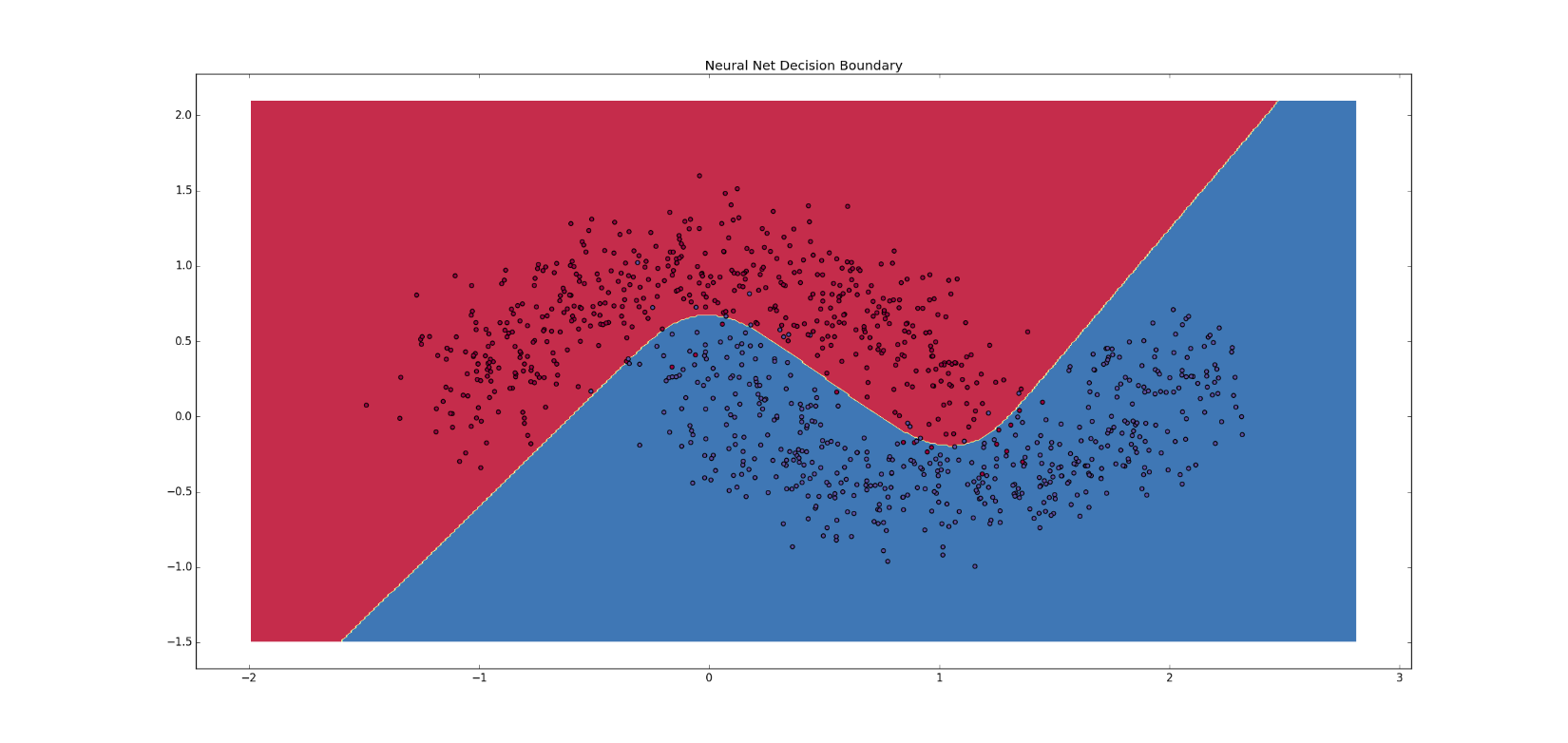
0.132440386034

0.129640137305

0.127298746096

0.125308248766

0.123593944575



Learning Rate = 0.075

# Iternations = 5000

1

0.659761369542

0.14662540261

0.126949632217

0.120956639765

0.117566660958

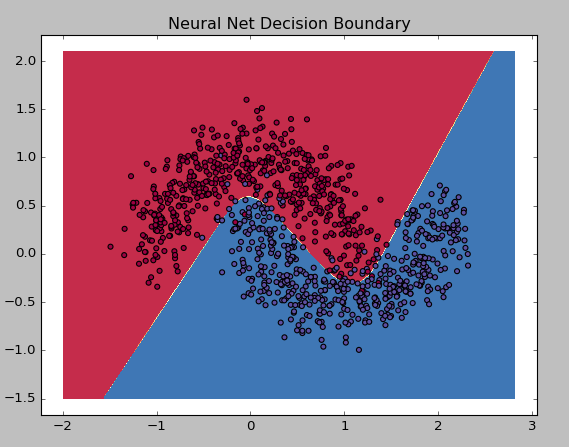
0.115214272577

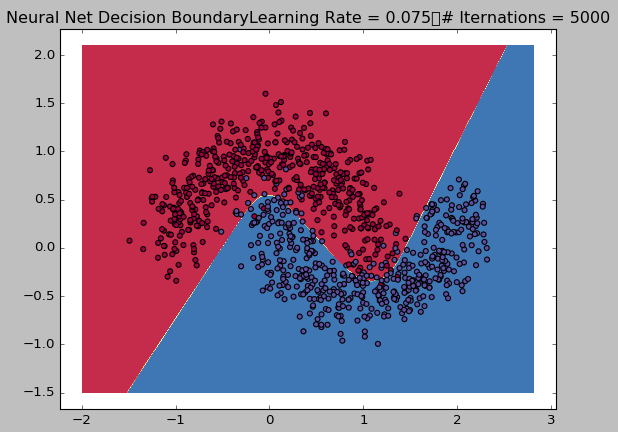
0.113375572732

0.111860352476

0.110584016381

0.10949702255





0.123284658804

Learning Rate = 0.05

# Iternations = 5000

Nodes in Hidden Dimension = 5

0.827411628162

0.124486704216

0.108867277629

0.10604659456

0.103187487654

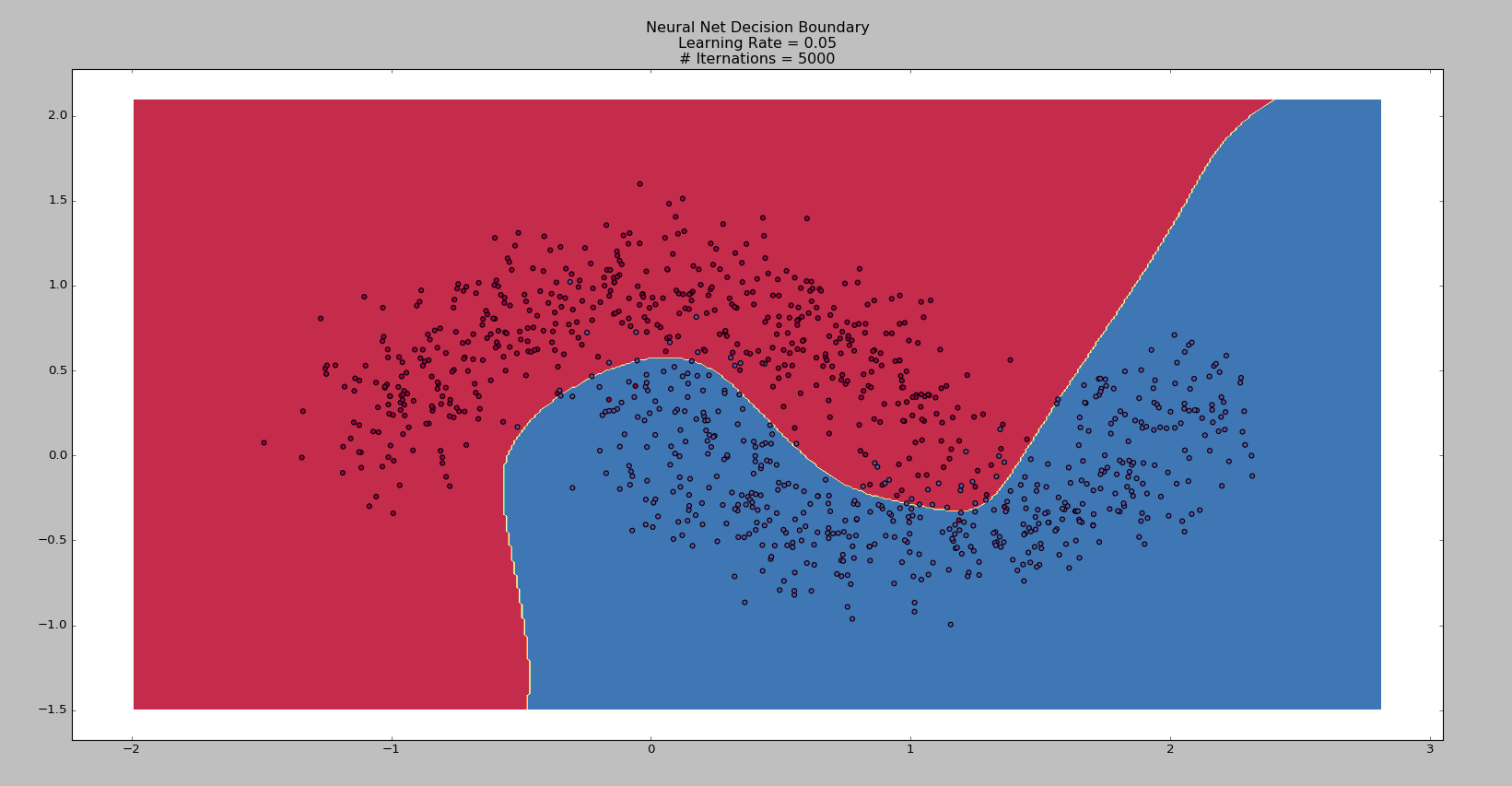
0.100810351911

0.0990304133095

0.0978420978013

0.0972017771716

0.097086165446



Learning Rate = 0.05

# Iternations = 5000

Nodes in Hidden Dimension = 5

0.599797900098

0.110725016175

0.11122674361

0.124426371961

0.126606996058

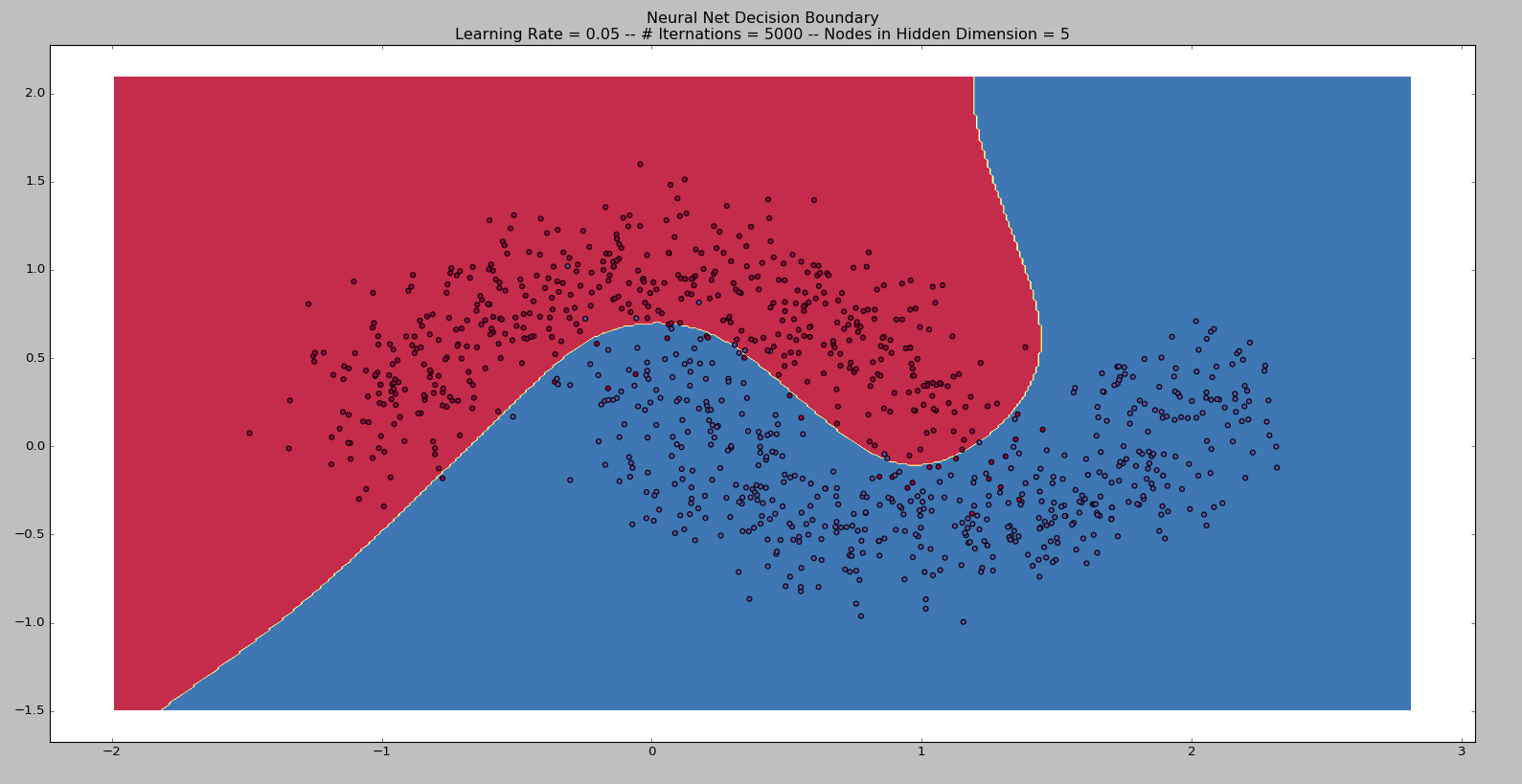
0.128871073048

0.131055437328

0.133141142642

0.135149277585

0.13716572796



Learning Rate = 0.05

# Iternations = 5000

Nodes in Hidden Dimension = 10

1.61019841072

0.0875955926059

0.0849082312825

0.0835275441296

0.083108197272

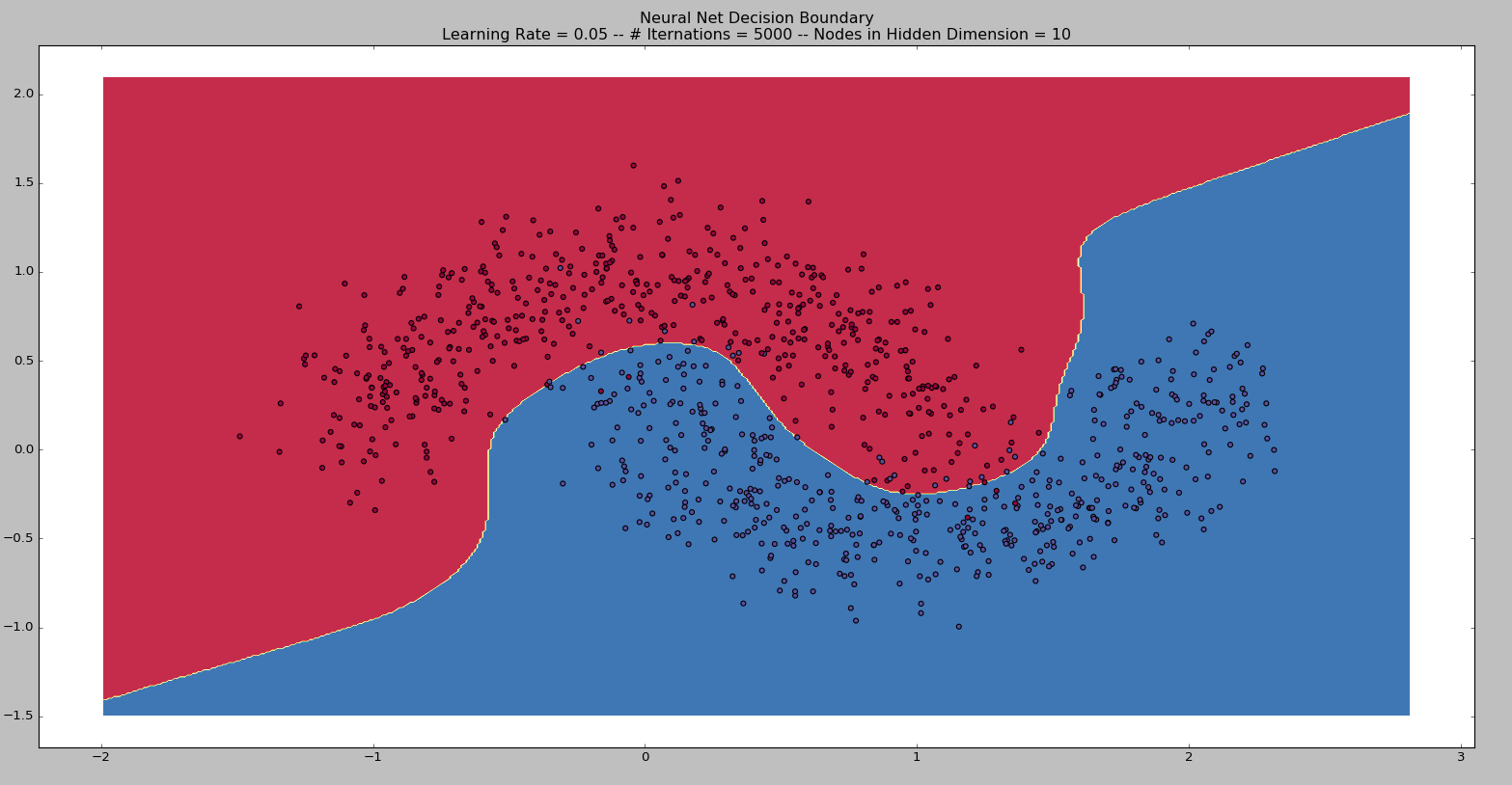
0.0832564051073

0.083418021645

0.0834461982776

0.0836535561146

0.0841060319462



Learning Rate = 0.05

# Iternations = 5000

Nodes in Hidden Dimension = 50

0.465524702525

11.1346510893

11.0378817822

10.9159174155

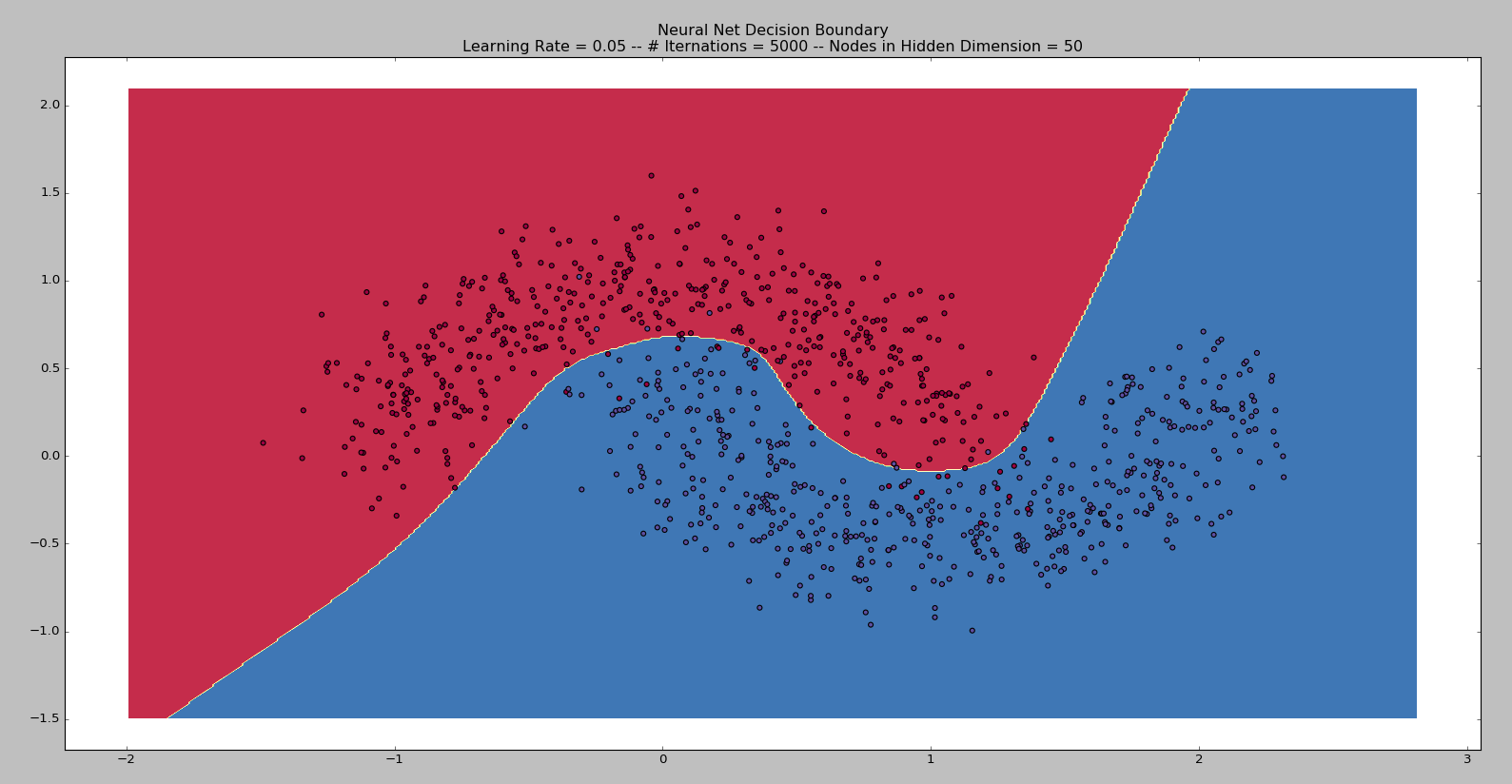
10.7509050259

10.4949538738

9.89681826635

0.411977118563

0.128328969713



Learning Rate = 0.05

# Iternations = 10000

Nodes in Hidden Dimension = 15

3.77079554131

0.0917233168142

0.0888335096361

0.0904471628538

0.0944621626675

0.09785377781

0.0993152736945

0.100245580077

0.101006741343

0.101708929517

0.102415792934

0.1031419989

0.103876519056

0.104606668514

0.105323129366

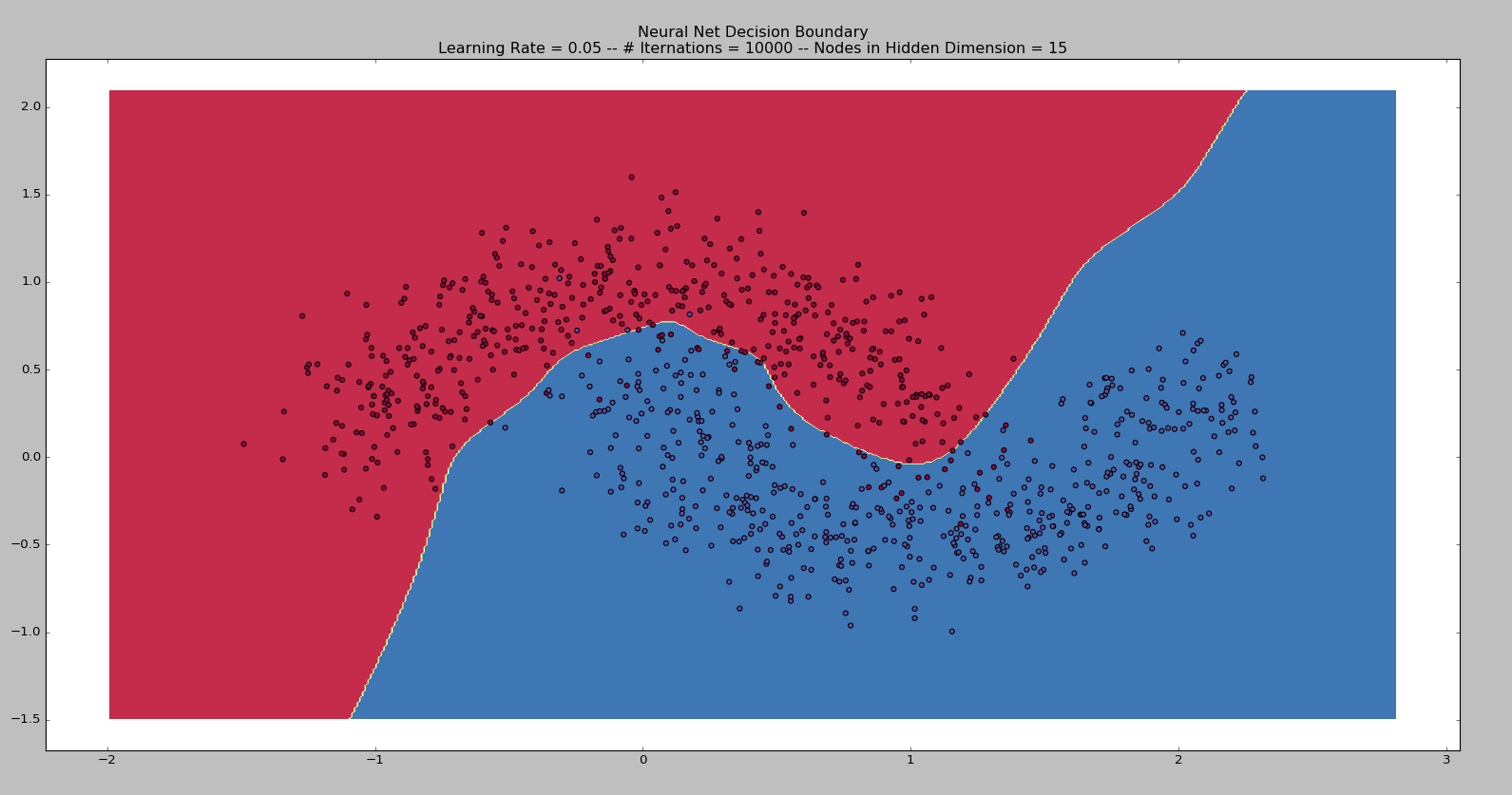
0.106019417282

0.106691310272

0.107336463186

0.107953972837

0.108543934246



Learning Rate = 0.1

# Iternations = 25000

Nodes in Hidden Dimension = 2

0.672751842773

0.48425247159

0.465686340589

0.421229015493

0.750350041486

0.57194818917

0.539182016147

0.45755152154

0.650983320689

0.632210559247

0.667092507981

0.582156301731

0.658249680462

0.695522140431

0.616637374991

1.28940535574

0.700303230463

0.954518259317

0.766997876222

0.377704587634

1.24035209951

0.693266851713

0.606749084879

0.841257843317

0.980333871565

1.26698153804

0.817342311525

0.891494610246

0.790135673878

0.950117845653

0.406467444067

0.762149223294

1.40909619021

0.683578918715

0.736258178528

0.948274176697

0.898979237281

0.877507707233

0.824219015888

0.918950477913

0.795558049992

0.902922499031

1.02333246871

0.700933428784

0.901923526525

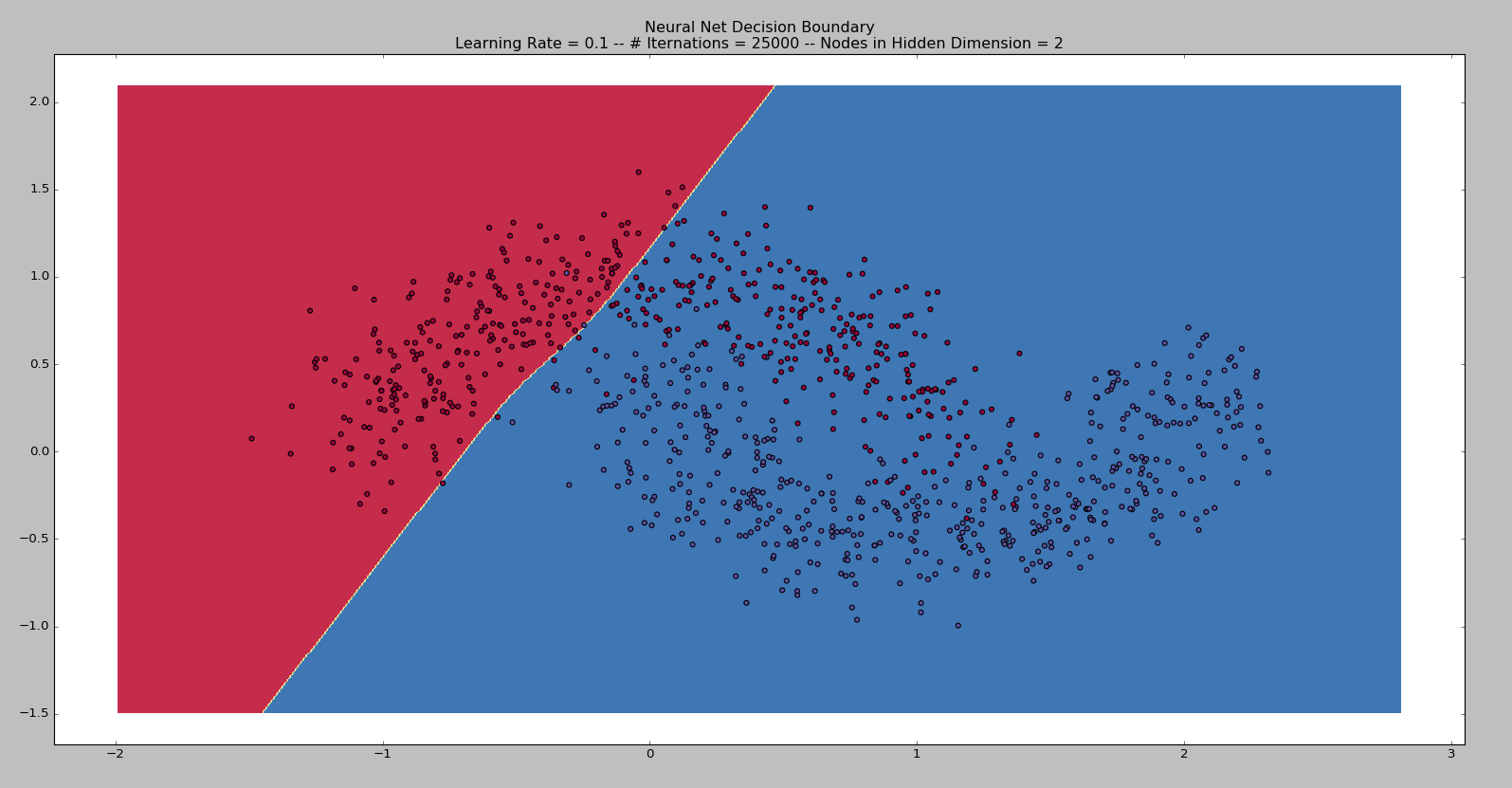
1.06344277724

0.985677286143

0.935644550513

1.0814388506

0.963150196118



Learning Rate = 0.01

# Iternations = 5000

Nodes in Hidden Dimension = 2

0.661004478063

0.296867587201

0.293142575315

0.291637753033

0.291132809447

0.291185152153

0.291572021614

0.292150432641

0.292821066753

0.293520078243

