Started Training

At epoch 1, batch 51, having loss: 2.335

At epoch 1, batch 101, having loss: 2.285

At epoch 1, batch 151, having loss: 2.259

At epoch 1, batch 201, having loss: 2.239

At epoch 1, batch 251, having loss: 2.216

At epoch 1, batch 301, having loss: 2.195

At epoch 1, batch 351, having loss: 2.181

At epoch 1, batch 401, having loss: 2.171

Epoch: 1, Loss: 2.153, Training Accuracy: 0.234

Validation Accuracy: 0.27, Total items: 1746

At epoch 2, batch 51, having loss: 2.124

At epoch 2, batch 101, having loss: 2.067

At epoch 2, batch 151, having loss: 2.052

At epoch 2, batch 201, having loss: 2.031

At epoch 2, batch 251, having loss: 2.021

At epoch 2, batch 301, having loss: 2.008

At epoch 2, batch 351, having loss: 1.998

At epoch 2, batch 401, having loss: 1.987

Epoch: 2, Loss: 1.975, Training Accuracy: 0.290

Validation Accuracy: 0.33, Total items: 1746

At epoch 3, batch 51, having loss: 1.952

At epoch 3, batch 101, having loss: 1.919

At epoch 3, batch 151, having loss: 1.902

At epoch 3, batch 201, having loss: 1.893

At epoch 3, batch 251, having loss: 1.882

At epoch 3, batch 301, having loss: 1.875

At epoch 3, batch 351, having loss: 1.866

At epoch 3, batch 401, having loss: 1.855

Epoch: 3, Loss: 1.845, Training Accuracy: 0.342

Validation Accuracy: 0.37, Total items: 1746

At epoch 4, batch 51, having loss: 1.812

At epoch 4, batch 101, having loss: 1.802

At epoch 4, batch 151, having loss: 1.779

At epoch 4, batch 201, having loss: 1.783

At epoch 4, batch 251, having loss: 1.770

At epoch 4, batch 301, having loss: 1.757

At epoch 4, batch 351, having loss: 1.752

At epoch 4, batch 401, having loss: 1.747

Epoch: 4, Loss: 1.743, Training Accuracy: 0.383

Validation Accuracy: 0.41, Total items: 1746

At epoch 5, batch 51, having loss: 1.695

At epoch 5, batch 101, having loss: 1.671

At epoch 5, batch 151, having loss: 1.686

At epoch 5, batch 201, having loss: 1.664

At epoch 5, batch 251, having loss: 1.662

At epoch 5, batch 301, having loss: 1.662

At epoch 5, batch 351, having loss: 1.656

At epoch 5, batch 401, having loss: 1.652

Epoch: 5, Loss: 1.643, Training Accuracy: 0.428

Validation Accuracy: 0.43, Total items: 1746

At epoch 6, batch 51, having loss: 1.582

At epoch 6, batch 101, having loss: 1.580

At epoch 6, batch 151, having loss: 1.575

At epoch 6, batch 201, having loss: 1.584

At epoch 6, batch 251, having loss: 1.585

At epoch 6, batch 301, having loss: 1.587

At epoch 6, batch 351, having loss: 1.582

At epoch 6, batch 401, having loss: 1.576

Epoch: 6, Loss: 1.569, Training Accuracy: 0.443

Validation Accuracy: 0.48, Total items: 1746

At epoch 7, batch 51, having loss: 1.525

At epoch 7, batch 101, having loss: 1.522

At epoch 7, batch 151, having loss: 1.502

At epoch 7, batch 201, having loss: 1.501

At epoch 7, batch 251, having loss: 1.518

At epoch 7, batch 301, having loss: 1.505

At epoch 7, batch 351, having loss: 1.504

At epoch 7, batch 401, having loss: 1.500

Epoch: 7, Loss: 1.489, Training Accuracy: 0.475

Validation Accuracy: 0.50, Total items: 1746

At epoch 8, batch 51, having loss: 1.485

At epoch 8, batch 101, having loss: 1.458

At epoch 8, batch 151, having loss: 1.458

At epoch 8, batch 201, having loss: 1.444

At epoch 8, batch 251, having loss: 1.440

At epoch 8, batch 301, having loss: 1.438

At epoch 8, batch 351, having loss: 1.434

At epoch 8, batch 401, having loss: 1.427

Epoch: 8, Loss: 1.418, Training Accuracy: 0.508

Validation Accuracy: 0.53, Total items: 1746

At epoch 9, batch 51, having loss: 1.382

At epoch 9, batch 101, having loss: 1.393

At epoch 9, batch 151, having loss: 1.386

At epoch 9, batch 201, having loss: 1.376

At epoch 9, batch 251, having loss: 1.370

At epoch 9, batch 301, having loss: 1.367

At epoch 9, batch 351, having loss: 1.367

At epoch 9, batch 401, having loss: 1.365

Epoch: 9, Loss: 1.359, Training Accuracy: 0.527

Validation Accuracy: 0.56, Total items: 1746

At epoch 10, batch 51, having loss: 1.355

At epoch 10, batch 101, having loss: 1.330

At epoch 10, batch 151, having loss: 1.329

At epoch 10, batch 201, having loss: 1.324

At epoch 10, batch 251, having loss: 1.325

At epoch 10, batch 301, having loss: 1.312

At epoch 10, batch 351, having loss: 1.304

At epoch 10, batch 401, having loss: 1.299

Epoch: 10, Loss: 1.294, Training Accuracy: 0.549

Validation Accuracy: 0.58, Total items: 1746

At epoch 11, batch 51, having loss: 1.322

At epoch 11, batch 101, having loss: 1.265

At epoch 11, batch 151, having loss: 1.257

At epoch 11, batch 201, having loss: 1.256

At epoch 11, batch 251, having loss: 1.242

At epoch 11, batch 301, having loss: 1.239

At epoch 11, batch 351, having loss: 1.231

At epoch 11, batch 401, having loss: 1.229

Epoch: 11, Loss: 1.221, Training Accuracy: 0.573

Validation Accuracy: 0.58, Total items: 1746

At epoch 12, batch 51, having loss: 1.246

At epoch 12, batch 101, having loss: 1.216

At epoch 12, batch 151, having loss: 1.203

At epoch 12, batch 201, having loss: 1.179

At epoch 12, batch 251, having loss: 1.162

At epoch 12, batch 301, having loss: 1.173

At epoch 12, batch 351, having loss: 1.173

At epoch 12, batch 401, having loss: 1.174

Epoch: 12, Loss: 1.176, Training Accuracy: 0.595

Validation Accuracy: 0.62, Total items: 1746

At epoch 13, batch 51, having loss: 1.106

At epoch 13, batch 101, having loss: 1.119

At epoch 13, batch 151, having loss: 1.124

At epoch 13, batch 201, having loss: 1.113

At epoch 13, batch 251, having loss: 1.109

At epoch 13, batch 301, having loss: 1.107

At epoch 13, batch 351, having loss: 1.110

At epoch 13, batch 401, having loss: 1.109

Epoch: 13, Loss: 1.110, Training Accuracy: 0.618

Validation Accuracy: 0.61, Total items: 1746

At epoch 14, batch 51, having loss: 1.105

At epoch 14, batch 101, having loss: 1.096

At epoch 14, batch 151, having loss: 1.084

At epoch 14, batch 201, having loss: 1.080

At epoch 14, batch 251, having loss: 1.087

At epoch 14, batch 301, having loss: 1.091

At epoch 14, batch 351, having loss: 1.086

At epoch 14, batch 401, having loss: 1.079

Epoch: 14, Loss: 1.077, Training Accuracy: 0.630

Validation Accuracy: 0.63, Total items: 1746

At epoch 15, batch 51, having loss: 1.026

At epoch 15, batch 101, having loss: 1.017

At epoch 15, batch 151, having loss: 1.032

At epoch 15, batch 201, having loss: 1.029

At epoch 15, batch 251, having loss: 1.018

At epoch 15, batch 301, having loss: 1.023

At epoch 15, batch 351, having loss: 1.018

At epoch 15, batch 401, having loss: 1.020

Epoch: 15, Loss: 1.021, Training Accuracy: 0.651

Validation Accuracy: 0.67, Total items: 1746

At epoch 16, batch 51, having loss: 0.991

At epoch 16, batch 101, having loss: 1.002

At epoch 16, batch 151, having loss: 0.993

At epoch 16, batch 201, having loss: 0.985

At epoch 16, batch 251, having loss: 0.990

At epoch 16, batch 301, having loss: 0.985

At epoch 16, batch 351, having loss: 0.984

At epoch 16, batch 401, having loss: 0.979

Epoch: 16, Loss: 0.978, Training Accuracy: 0.669

Validation Accuracy: 0.66, Total items: 1746

At epoch 17, batch 51, having loss: 0.947

At epoch 17, batch 101, having loss: 0.993

At epoch 17, batch 151, having loss: 0.978

At epoch 17, batch 201, having loss: 0.966

At epoch 17, batch 251, having loss: 0.961

At epoch 17, batch 301, having loss: 0.958

At epoch 17, batch 351, having loss: 0.962

At epoch 17, batch 401, having loss: 0.963

Epoch: 17, Loss: 0.957, Training Accuracy: 0.675

Validation Accuracy: 0.68, Total items: 1746

At epoch 18, batch 51, having loss: 0.938

At epoch 18, batch 101, having loss: 0.922

At epoch 18, batch 151, having loss: 0.918

At epoch 18, batch 201, having loss: 0.911

At epoch 18, batch 251, having loss: 0.919

At epoch 18, batch 301, having loss: 0.912

At epoch 18, batch 351, having loss: 0.910

At epoch 18, batch 401, having loss: 0.910

Epoch: 18, Loss: 0.913, Training Accuracy: 0.688

Validation Accuracy: 0.69, Total items: 1746

At epoch 19, batch 51, having loss: 0.891

At epoch 19, batch 101, having loss: 0.889

At epoch 19, batch 151, having loss: 0.891

At epoch 19, batch 201, having loss: 0.881

At epoch 19, batch 251, having loss: 0.874

At epoch 19, batch 301, having loss: 0.870

At epoch 19, batch 351, having loss: 0.871

At epoch 19, batch 401, having loss: 0.870

Epoch: 19, Loss: 0.865, Training Accuracy: 0.703

Validation Accuracy: 0.71, Total items: 1746

At epoch 20, batch 51, having loss: 0.821

At epoch 20, batch 101, having loss: 0.840

At epoch 20, batch 151, having loss: 0.838

At epoch 20, batch 201, having loss: 0.852

At epoch 20, batch 251, having loss: 0.859

At epoch 20, batch 301, having loss: 0.849

At epoch 20, batch 351, having loss: 0.842

At epoch 20, batch 401, having loss: 0.841

Epoch: 20, Loss: 0.840, Training Accuracy: 0.715

Validation Accuracy: 0.71, Total items: 1746

At epoch 21, batch 51, having loss: 0.845

At epoch 21, batch 101, having loss: 0.818

At epoch 21, batch 151, having loss: 0.817

At epoch 21, batch 201, having loss: 0.799

At epoch 21, batch 251, having loss: 0.804

At epoch 21, batch 301, having loss: 0.797

At epoch 21, batch 351, having loss: 0.804

At epoch 21, batch 401, having loss: 0.812

Epoch: 21, Loss: 0.804, Training Accuracy: 0.725

Validation Accuracy: 0.71, Total items: 1746

At epoch 22, batch 51, having loss: 0.822

At epoch 22, batch 101, having loss: 0.816

At epoch 22, batch 151, having loss: 0.799

At epoch 22, batch 201, having loss: 0.797

At epoch 22, batch 251, having loss: 0.803

At epoch 22, batch 301, having loss: 0.803

At epoch 22, batch 351, having loss: 0.802

At epoch 22, batch 401, having loss: 0.788

Epoch: 22, Loss: 0.784, Training Accuracy: 0.739

Validation Accuracy: 0.74, Total items: 1746

At epoch 23, batch 51, having loss: 0.783

At epoch 23, batch 101, having loss: 0.762

At epoch 23, batch 151, having loss: 0.759

At epoch 23, batch 201, having loss: 0.755

At epoch 23, batch 251, having loss: 0.753

At epoch 23, batch 301, having loss: 0.762

At epoch 23, batch 351, having loss: 0.760

At epoch 23, batch 401, having loss: 0.757

Epoch: 23, Loss: 0.752, Training Accuracy: 0.746

Validation Accuracy: 0.75, Total items: 1746

At epoch 24, batch 51, having loss: 0.796

At epoch 24, batch 101, having loss: 0.783

At epoch 24, batch 151, having loss: 0.748

At epoch 24, batch 201, having loss: 0.744

At epoch 24, batch 251, having loss: 0.742

At epoch 24, batch 301, having loss: 0.730

At epoch 24, batch 351, having loss: 0.725

At epoch 24, batch 401, having loss: 0.722

Epoch: 24, Loss: 0.715, Training Accuracy: 0.758

Validation Accuracy: 0.74, Total items: 1746

At epoch 25, batch 51, having loss: 0.705

At epoch 25, batch 101, having loss: 0.700

At epoch 25, batch 151, having loss: 0.709

At epoch 25, batch 201, having loss: 0.713

At epoch 25, batch 251, having loss: 0.704

At epoch 25, batch 301, having loss: 0.708

At epoch 25, batch 351, having loss: 0.708

At epoch 25, batch 401, having loss: 0.702

Epoch: 25, Loss: 0.703, Training Accuracy: 0.763

Validation Accuracy: 0.75, Total items: 1746

At epoch 26, batch 51, having loss: 0.704

At epoch 26, batch 101, having loss: 0.693

At epoch 26, batch 151, having loss: 0.702

At epoch 26, batch 201, having loss: 0.703

At epoch 26, batch 251, having loss: 0.707

At epoch 26, batch 301, having loss: 0.692

At epoch 26, batch 351, having loss: 0.689

At epoch 26, batch 401, having loss: 0.687

Epoch: 26, Loss: 0.685, Training Accuracy: 0.770

Validation Accuracy: 0.76, Total items: 1746

At epoch 27, batch 51, having loss: 0.663

At epoch 27, batch 101, having loss: 0.630

At epoch 27, batch 151, having loss: 0.647

At epoch 27, batch 201, having loss: 0.653

At epoch 27, batch 251, having loss: 0.657

At epoch 27, batch 301, having loss: 0.654

At epoch 27, batch 351, having loss: 0.659

At epoch 27, batch 401, having loss: 0.661

Epoch: 27, Loss: 0.660, Training Accuracy: 0.775

Validation Accuracy: 0.74, Total items: 1746

At epoch 28, batch 51, having loss: 0.685

At epoch 28, batch 101, having loss: 0.659

At epoch 28, batch 151, having loss: 0.633

At epoch 28, batch 201, having loss: 0.623

At epoch 28, batch 251, having loss: 0.620

At epoch 28, batch 301, having loss: 0.627

At epoch 28, batch 351, having loss: 0.627

At epoch 28, batch 401, having loss: 0.633

Epoch: 28, Loss: 0.629, Training Accuracy: 0.788

Validation Accuracy: 0.77, Total items: 1746

At epoch 29, batch 51, having loss: 0.590

At epoch 29, batch 101, having loss: 0.600

At epoch 29, batch 151, having loss: 0.630

At epoch 29, batch 201, having loss: 0.632

At epoch 29, batch 251, having loss: 0.624

At epoch 29, batch 301, having loss: 0.622

At epoch 29, batch 351, having loss: 0.624

At epoch 29, batch 401, having loss: 0.623

Epoch: 29, Loss: 0.622, Training Accuracy: 0.787

Validation Accuracy: 0.75, Total items: 1746

At epoch 30, batch 51, having loss: 0.604

At epoch 30, batch 101, having loss: 0.613

At epoch 30, batch 151, having loss: 0.608

At epoch 30, batch 201, having loss: 0.612

At epoch 30, batch 251, having loss: 0.615

At epoch 30, batch 301, having loss: 0.617

At epoch 30, batch 351, having loss: 0.613

At epoch 30, batch 401, having loss: 0.613

Epoch: 30, Loss: 0.615, Training Accuracy: 0.793

Validation Accuracy: 0.76, Total items: 1746

At epoch 31, batch 51, having loss: 0.596

At epoch 31, batch 101, having loss: 0.611

At epoch 31, batch 151, having loss: 0.597

At epoch 31, batch 201, having loss: 0.584

At epoch 31, batch 251, having loss: 0.580

At epoch 31, batch 301, having loss: 0.582

At epoch 31, batch 351, having loss: 0.584

At epoch 31, batch 401, having loss: 0.582

Epoch: 31, Loss: 0.585, Training Accuracy: 0.801

Validation Accuracy: 0.76, Total items: 1746

At epoch 32, batch 51, having loss: 0.603

At epoch 32, batch 101, having loss: 0.575

At epoch 32, batch 151, having loss: 0.582

At epoch 32, batch 201, having loss: 0.569

At epoch 32, batch 251, having loss: 0.575

At epoch 32, batch 301, having loss: 0.574

At epoch 32, batch 351, having loss: 0.578

At epoch 32, batch 401, having loss: 0.578

Epoch: 32, Loss: 0.574, Training Accuracy: 0.802

Validation Accuracy: 0.79, Total items: 1746

At epoch 33, batch 51, having loss: 0.536

At epoch 33, batch 101, having loss: 0.543

At epoch 33, batch 151, having loss: 0.532

At epoch 33, batch 201, having loss: 0.539

At epoch 33, batch 251, having loss: 0.538

At epoch 33, batch 301, having loss: 0.547

At epoch 33, batch 351, having loss: 0.552

At epoch 33, batch 401, having loss: 0.561

Epoch: 33, Loss: 0.556, Training Accuracy: 0.816

Validation Accuracy: 0.80, Total items: 1746

At epoch 34, batch 51, having loss: 0.525

At epoch 34, batch 101, having loss: 0.528

At epoch 34, batch 151, having loss: 0.527

At epoch 34, batch 201, having loss: 0.533

At epoch 34, batch 251, having loss: 0.542

At epoch 34, batch 301, having loss: 0.541

At epoch 34, batch 351, having loss: 0.539

At epoch 34, batch 401, having loss: 0.540

Epoch: 34, Loss: 0.541, Training Accuracy: 0.812

Validation Accuracy: 0.79, Total items: 1746

At epoch 35, batch 51, having loss: 0.548

At epoch 35, batch 101, having loss: 0.566

At epoch 35, batch 151, having loss: 0.556

At epoch 35, batch 201, having loss: 0.557

At epoch 35, batch 251, having loss: 0.540

At epoch 35, batch 301, having loss: 0.539

At epoch 35, batch 351, having loss: 0.545

At epoch 35, batch 401, having loss: 0.551

Epoch: 35, Loss: 0.547, Training Accuracy: 0.814

Validation Accuracy: 0.81, Total items: 1746

At epoch 36, batch 51, having loss: 0.534

At epoch 36, batch 101, having loss: 0.537

At epoch 36, batch 151, having loss: 0.539

At epoch 36, batch 201, having loss: 0.519

At epoch 36, batch 251, having loss: 0.526

At epoch 36, batch 301, having loss: 0.520

At epoch 36, batch 351, having loss: 0.518

At epoch 36, batch 401, having loss: 0.516

Epoch: 36, Loss: 0.513, Training Accuracy: 0.825

Validation Accuracy: 0.80, Total items: 1746

At epoch 37, batch 51, having loss: 0.565

At epoch 37, batch 101, having loss: 0.534

At epoch 37, batch 151, having loss: 0.538

At epoch 37, batch 201, having loss: 0.532

At epoch 37, batch 251, having loss: 0.542

At epoch 37, batch 301, having loss: 0.538

At epoch 37, batch 351, having loss: 0.535

At epoch 37, batch 401, having loss: 0.528

Epoch: 37, Loss: 0.528, Training Accuracy: 0.822

Validation Accuracy: 0.81, Total items: 1746

At epoch 38, batch 51, having loss: 0.487

At epoch 38, batch 101, having loss: 0.516

At epoch 38, batch 151, having loss: 0.505

At epoch 38, batch 201, having loss: 0.506

At epoch 38, batch 251, having loss: 0.504

At epoch 38, batch 301, having loss: 0.506

At epoch 38, batch 351, having loss: 0.510

At epoch 38, batch 401, having loss: 0.510

Epoch: 38, Loss: 0.506, Training Accuracy: 0.829

Validation Accuracy: 0.82, Total items: 1746

At epoch 39, batch 51, having loss: 0.458

At epoch 39, batch 101, having loss: 0.470

At epoch 39, batch 151, having loss: 0.469

At epoch 39, batch 201, having loss: 0.475

At epoch 39, batch 251, having loss: 0.478

At epoch 39, batch 301, having loss: 0.480

At epoch 39, batch 351, having loss: 0.482

At epoch 39, batch 401, having loss: 0.477

Epoch: 39, Loss: 0.478, Training Accuracy: 0.838

Validation Accuracy: 0.82, Total items: 1746

At epoch 40, batch 51, having loss: 0.421

At epoch 40, batch 101, having loss: 0.437

At epoch 40, batch 151, having loss: 0.443

At epoch 40, batch 201, having loss: 0.449

At epoch 40, batch 251, having loss: 0.456

At epoch 40, batch 301, having loss: 0.464

At epoch 40, batch 351, having loss: 0.467

At epoch 40, batch 401, having loss: 0.469

Epoch: 40, Loss: 0.468, Training Accuracy: 0.843

Validation Accuracy: 0.84, Total items: 1746

At epoch 41, batch 51, having loss: 0.442

At epoch 41, batch 101, having loss: 0.444

At epoch 41, batch 151, having loss: 0.448

At epoch 41, batch 201, having loss: 0.460

At epoch 41, batch 251, having loss: 0.458

At epoch 41, batch 301, having loss: 0.455

At epoch 41, batch 351, having loss: 0.457

At epoch 41, batch 401, having loss: 0.461

Epoch: 41, Loss: 0.460, Training Accuracy: 0.845

Validation Accuracy: 0.80, Total items: 1746

At epoch 42, batch 51, having loss: 0.439

At epoch 42, batch 101, having loss: 0.451

At epoch 42, batch 151, having loss: 0.455

At epoch 42, batch 201, having loss: 0.456

At epoch 42, batch 251, having loss: 0.461

At epoch 42, batch 301, having loss: 0.456

At epoch 42, batch 351, having loss: 0.461

At epoch 42, batch 401, having loss: 0.460

Epoch: 42, Loss: 0.459, Training Accuracy: 0.843

Validation Accuracy: 0.82, Total items: 1746

At epoch 43, batch 51, having loss: 0.464

At epoch 43, batch 101, having loss: 0.445

At epoch 43, batch 151, having loss: 0.432

At epoch 43, batch 201, having loss: 0.436

At epoch 43, batch 251, having loss: 0.447

At epoch 43, batch 301, having loss: 0.443

At epoch 43, batch 351, having loss: 0.436

At epoch 43, batch 401, having loss: 0.444

Epoch: 43, Loss: 0.446, Training Accuracy: 0.853

Validation Accuracy: 0.82, Total items: 1746

At epoch 44, batch 51, having loss: 0.446

At epoch 44, batch 101, having loss: 0.431

At epoch 44, batch 151, having loss: 0.455

At epoch 44, batch 201, having loss: 0.456

At epoch 44, batch 251, having loss: 0.454

At epoch 44, batch 301, having loss: 0.455

At epoch 44, batch 351, having loss: 0.458

At epoch 44, batch 401, having loss: 0.458

Epoch: 44, Loss: 0.450, Training Accuracy: 0.841

Validation Accuracy: 0.83, Total items: 1746

At epoch 45, batch 51, having loss: 0.479

At epoch 45, batch 101, having loss: 0.451

At epoch 45, batch 151, having loss: 0.450

At epoch 45, batch 201, having loss: 0.444

At epoch 45, batch 251, having loss: 0.450

At epoch 45, batch 301, having loss: 0.450

At epoch 45, batch 351, having loss: 0.444

At epoch 45, batch 401, having loss: 0.444

Epoch: 45, Loss: 0.445, Training Accuracy: 0.853

Validation Accuracy: 0.83, Total items: 1746

At epoch 46, batch 51, having loss: 0.515

At epoch 46, batch 101, having loss: 0.483

At epoch 46, batch 151, having loss: 0.444

At epoch 46, batch 201, having loss: 0.440

At epoch 46, batch 251, having loss: 0.441

At epoch 46, batch 301, having loss: 0.433

At epoch 46, batch 351, having loss: 0.437

At epoch 46, batch 401, having loss: 0.437

Epoch: 46, Loss: 0.438, Training Accuracy: 0.856

Validation Accuracy: 0.84, Total items: 1746

At epoch 47, batch 51, having loss: 0.379

At epoch 47, batch 101, having loss: 0.394

At epoch 47, batch 151, having loss: 0.385

At epoch 47, batch 201, having loss: 0.389

At epoch 47, batch 251, having loss: 0.389

At epoch 47, batch 301, having loss: 0.398

At epoch 47, batch 351, having loss: 0.407

At epoch 47, batch 401, having loss: 0.411

Epoch: 47, Loss: 0.409, Training Accuracy: 0.861

Validation Accuracy: 0.84, Total items: 1746

At epoch 48, batch 51, having loss: 0.433

At epoch 48, batch 101, having loss: 0.419

At epoch 48, batch 151, having loss: 0.423

At epoch 48, batch 201, having loss: 0.430

At epoch 48, batch 251, having loss: 0.421

At epoch 48, batch 301, having loss: 0.421

At epoch 48, batch 351, having loss: 0.423

At epoch 48, batch 401, having loss: 0.422

Epoch: 48, Loss: 0.422, Training Accuracy: 0.857

Validation Accuracy: 0.84, Total items: 1746

At epoch 49, batch 51, having loss: 0.406

At epoch 49, batch 101, having loss: 0.421

At epoch 49, batch 151, having loss: 0.418

At epoch 49, batch 201, having loss: 0.414

At epoch 49, batch 251, having loss: 0.411

At epoch 49, batch 301, having loss: 0.409

At epoch 49, batch 351, having loss: 0.404

At epoch 49, batch 401, having loss: 0.408

Epoch: 49, Loss: 0.407, Training Accuracy: 0.863

Validation Accuracy: 0.84, Total items: 1746

At epoch 50, batch 51, having loss: 0.382

At epoch 50, batch 101, having loss: 0.378

At epoch 50, batch 151, having loss: 0.389

At epoch 50, batch 201, having loss: 0.390

At epoch 50, batch 251, having loss: 0.396

At epoch 50, batch 301, having loss: 0.399

At epoch 50, batch 351, having loss: 0.403

At epoch 50, batch 401, having loss: 0.398

Epoch: 50, Loss: 0.396, Training Accuracy: 0.866

Validation Accuracy: 0.84, Total items: 1746

At epoch 51, batch 51, having loss: 0.398

At epoch 51, batch 101, having loss: 0.392

At epoch 51, batch 151, having loss: 0.385

At epoch 51, batch 201, having loss: 0.391

At epoch 51, batch 251, having loss: 0.400

At epoch 51, batch 301, having loss: 0.399

At epoch 51, batch 351, having loss: 0.394

At epoch 51, batch 401, having loss: 0.394

Epoch: 51, Loss: 0.387, Training Accuracy: 0.870

Validation Accuracy: 0.84, Total items: 1746

At epoch 52, batch 51, having loss: 0.387

At epoch 52, batch 101, having loss: 0.381

At epoch 52, batch 151, having loss: 0.385

At epoch 52, batch 201, having loss: 0.380

At epoch 52, batch 251, having loss: 0.385

At epoch 52, batch 301, having loss: 0.383

At epoch 52, batch 351, having loss: 0.384

At epoch 52, batch 401, having loss: 0.390

Epoch: 52, Loss: 0.388, Training Accuracy: 0.867

Validation Accuracy: 0.84, Total items: 1746

At epoch 53, batch 51, having loss: 0.425

At epoch 53, batch 101, having loss: 0.395

At epoch 53, batch 151, having loss: 0.381

At epoch 53, batch 201, having loss: 0.382

At epoch 53, batch 251, having loss: 0.395

At epoch 53, batch 301, having loss: 0.395

At epoch 53, batch 351, having loss: 0.392

At epoch 53, batch 401, having loss: 0.394

Epoch: 53, Loss: 0.395, Training Accuracy: 0.868

Validation Accuracy: 0.85, Total items: 1746

At epoch 54, batch 51, having loss: 0.395

At epoch 54, batch 101, having loss: 0.373

At epoch 54, batch 151, having loss: 0.400

At epoch 54, batch 201, having loss: 0.418

At epoch 54, batch 251, having loss: 0.410

At epoch 54, batch 301, having loss: 0.410

At epoch 54, batch 351, having loss: 0.409

At epoch 54, batch 401, having loss: 0.405

Epoch: 54, Loss: 0.401, Training Accuracy: 0.863

Validation Accuracy: 0.84, Total items: 1746

At epoch 55, batch 51, having loss: 0.332

At epoch 55, batch 101, having loss: 0.358

At epoch 55, batch 151, having loss: 0.377

At epoch 55, batch 201, having loss: 0.373

At epoch 55, batch 251, having loss: 0.380

At epoch 55, batch 301, having loss: 0.383

At epoch 55, batch 351, having loss: 0.378

At epoch 55, batch 401, having loss: 0.375

Epoch: 55, Loss: 0.375, Training Accuracy: 0.877

Validation Accuracy: 0.86, Total items: 1746

At epoch 56, batch 51, having loss: 0.346

At epoch 56, batch 101, having loss: 0.351

At epoch 56, batch 151, having loss: 0.361

At epoch 56, batch 201, having loss: 0.365

At epoch 56, batch 251, having loss: 0.374

At epoch 56, batch 301, having loss: 0.376

At epoch 56, batch 351, having loss: 0.378

At epoch 56, batch 401, having loss: 0.374

Epoch: 56, Loss: 0.376, Training Accuracy: 0.870

Validation Accuracy: 0.85, Total items: 1746

At epoch 57, batch 51, having loss: 0.395

At epoch 57, batch 101, having loss: 0.404

At epoch 57, batch 151, having loss: 0.388

At epoch 57, batch 201, having loss: 0.382

At epoch 57, batch 251, having loss: 0.377

At epoch 57, batch 301, having loss: 0.377

At epoch 57, batch 351, having loss: 0.380

At epoch 57, batch 401, having loss: 0.374

Epoch: 57, Loss: 0.375, Training Accuracy: 0.876

Validation Accuracy: 0.84, Total items: 1746

At epoch 58, batch 51, having loss: 0.370

At epoch 58, batch 101, having loss: 0.393

At epoch 58, batch 151, having loss: 0.374

At epoch 58, batch 201, having loss: 0.362

At epoch 58, batch 251, having loss: 0.378

At epoch 58, batch 301, having loss: 0.377

At epoch 58, batch 351, having loss: 0.376

At epoch 58, batch 401, having loss: 0.377

Epoch: 58, Loss: 0.374, Training Accuracy: 0.879

Validation Accuracy: 0.84, Total items: 1746

At epoch 59, batch 51, having loss: 0.326

At epoch 59, batch 101, having loss: 0.333

At epoch 59, batch 151, having loss: 0.343

At epoch 59, batch 201, having loss: 0.345

At epoch 59, batch 251, having loss: 0.354

At epoch 59, batch 301, having loss: 0.359

At epoch 59, batch 351, having loss: 0.358

At epoch 59, batch 401, having loss: 0.358

Epoch: 59, Loss: 0.354, Training Accuracy: 0.882

Validation Accuracy: 0.86, Total items: 1746

At epoch 60, batch 51, having loss: 0.334

At epoch 60, batch 101, having loss: 0.331

At epoch 60, batch 151, having loss: 0.350

At epoch 60, batch 201, having loss: 0.342

At epoch 60, batch 251, having loss: 0.350

At epoch 60, batch 301, having loss: 0.347

At epoch 60, batch 351, having loss: 0.347

At epoch 60, batch 401, having loss: 0.351

Epoch: 60, Loss: 0.355, Training Accuracy: 0.881

Validation Accuracy: 0.86, Total items: 1746

At epoch 61, batch 51, having loss: 0.349

At epoch 61, batch 101, having loss: 0.347

At epoch 61, batch 151, having loss: 0.355

At epoch 61, batch 201, having loss: 0.351

At epoch 61, batch 251, having loss: 0.345

At epoch 61, batch 301, having loss: 0.348

At epoch 61, batch 351, having loss: 0.344

At epoch 61, batch 401, having loss: 0.341

Epoch: 61, Loss: 0.343, Training Accuracy: 0.890

Validation Accuracy: 0.85, Total items: 1746

At epoch 62, batch 51, having loss: 0.346

At epoch 62, batch 101, having loss: 0.349

At epoch 62, batch 151, having loss: 0.340

At epoch 62, batch 201, having loss: 0.338

At epoch 62, batch 251, having loss: 0.350

At epoch 62, batch 301, having loss: 0.351

At epoch 62, batch 351, having loss: 0.343

At epoch 62, batch 401, having loss: 0.351

Epoch: 62, Loss: 0.346, Training Accuracy: 0.886

Validation Accuracy: 0.86, Total items: 1746

At epoch 63, batch 51, having loss: 0.383

At epoch 63, batch 101, having loss: 0.359

At epoch 63, batch 151, having loss: 0.348

At epoch 63, batch 201, having loss: 0.351

At epoch 63, batch 251, having loss: 0.349

At epoch 63, batch 301, having loss: 0.344

At epoch 63, batch 351, having loss: 0.342

At epoch 63, batch 401, having loss: 0.337

Epoch: 63, Loss: 0.340, Training Accuracy: 0.885

Validation Accuracy: 0.86, Total items: 1746

At epoch 64, batch 51, having loss: 0.333

At epoch 64, batch 101, having loss: 0.318

At epoch 64, batch 151, having loss: 0.341

At epoch 64, batch 201, having loss: 0.343

At epoch 64, batch 251, having loss: 0.349

At epoch 64, batch 301, having loss: 0.351

At epoch 64, batch 351, having loss: 0.352

At epoch 64, batch 401, having loss: 0.348

Epoch: 64, Loss: 0.347, Training Accuracy: 0.879

Validation Accuracy: 0.85, Total items: 1746

At epoch 65, batch 51, having loss: 0.349

At epoch 65, batch 101, having loss: 0.343

At epoch 65, batch 151, having loss: 0.347

At epoch 65, batch 201, having loss: 0.337

At epoch 65, batch 251, having loss: 0.329

At epoch 65, batch 301, having loss: 0.329

At epoch 65, batch 351, having loss: 0.334

At epoch 65, batch 401, having loss: 0.333

Epoch: 65, Loss: 0.328, Training Accuracy: 0.892

Validation Accuracy: 0.86, Total items: 1746

At epoch 66, batch 51, having loss: 0.372

At epoch 66, batch 101, having loss: 0.332

At epoch 66, batch 151, having loss: 0.323

At epoch 66, batch 201, having loss: 0.331

At epoch 66, batch 251, having loss: 0.328

At epoch 66, batch 301, having loss: 0.344

At epoch 66, batch 351, having loss: 0.341

At epoch 66, batch 401, having loss: 0.341

Epoch: 66, Loss: 0.335, Training Accuracy: 0.891

Validation Accuracy: 0.85, Total items: 1746

At epoch 67, batch 51, having loss: 0.383

At epoch 67, batch 101, having loss: 0.367

At epoch 67, batch 151, having loss: 0.364

At epoch 67, batch 201, having loss: 0.354

At epoch 67, batch 251, having loss: 0.345

At epoch 67, batch 301, having loss: 0.346

At epoch 67, batch 351, having loss: 0.342

At epoch 67, batch 401, having loss: 0.341

Epoch: 67, Loss: 0.340, Training Accuracy: 0.885

Validation Accuracy: 0.86, Total items: 1746

At epoch 68, batch 51, having loss: 0.327

At epoch 68, batch 101, having loss: 0.315

At epoch 68, batch 151, having loss: 0.319

At epoch 68, batch 201, having loss: 0.313

At epoch 68, batch 251, having loss: 0.312

At epoch 68, batch 301, having loss: 0.315

At epoch 68, batch 351, having loss: 0.323

At epoch 68, batch 401, having loss: 0.329

Epoch: 68, Loss: 0.326, Training Accuracy: 0.887

Validation Accuracy: 0.86, Total items: 1746

At epoch 69, batch 51, having loss: 0.380

At epoch 69, batch 101, having loss: 0.345

At epoch 69, batch 151, having loss: 0.327

At epoch 69, batch 201, having loss: 0.325

At epoch 69, batch 251, having loss: 0.318

At epoch 69, batch 301, having loss: 0.314

At epoch 69, batch 351, having loss: 0.316

At epoch 69, batch 401, having loss: 0.315

Epoch: 69, Loss: 0.320, Training Accuracy: 0.895

Validation Accuracy: 0.85, Total items: 1746

At epoch 70, batch 51, having loss: 0.350

At epoch 70, batch 101, having loss: 0.337

At epoch 70, batch 151, having loss: 0.332

At epoch 70, batch 201, having loss: 0.333

At epoch 70, batch 251, having loss: 0.321

At epoch 70, batch 301, having loss: 0.328

At epoch 70, batch 351, having loss: 0.325

At epoch 70, batch 401, having loss: 0.327

Epoch: 70, Loss: 0.329, Training Accuracy: 0.891

Validation Accuracy: 0.86, Total items: 1746

At epoch 71, batch 51, having loss: 0.293

At epoch 71, batch 101, having loss: 0.305

At epoch 71, batch 151, having loss: 0.309

At epoch 71, batch 201, having loss: 0.305

At epoch 71, batch 251, having loss: 0.302

At epoch 71, batch 301, having loss: 0.310

At epoch 71, batch 351, having loss: 0.309

At epoch 71, batch 401, having loss: 0.311

Epoch: 71, Loss: 0.311, Training Accuracy: 0.894

Validation Accuracy: 0.85, Total items: 1746

At epoch 72, batch 51, having loss: 0.326

At epoch 72, batch 101, having loss: 0.305

At epoch 72, batch 151, having loss: 0.302

At epoch 72, batch 201, having loss: 0.302

At epoch 72, batch 251, having loss: 0.314

At epoch 72, batch 301, having loss: 0.314

At epoch 72, batch 351, having loss: 0.314

At epoch 72, batch 401, having loss: 0.310

Epoch: 72, Loss: 0.308, Training Accuracy: 0.898

Validation Accuracy: 0.87, Total items: 1746

At epoch 73, batch 51, having loss: 0.292

At epoch 73, batch 101, having loss: 0.315

At epoch 73, batch 151, having loss: 0.316

At epoch 73, batch 201, having loss: 0.316

At epoch 73, batch 251, having loss: 0.316

At epoch 73, batch 301, having loss: 0.315

At epoch 73, batch 351, having loss: 0.312

At epoch 73, batch 401, having loss: 0.310

Epoch: 73, Loss: 0.308, Training Accuracy: 0.896

Validation Accuracy: 0.88, Total items: 1746

At epoch 74, batch 51, having loss: 0.273

At epoch 74, batch 101, having loss: 0.279

At epoch 74, batch 151, having loss: 0.288

At epoch 74, batch 201, having loss: 0.289

At epoch 74, batch 251, having loss: 0.289

At epoch 74, batch 301, having loss: 0.298

At epoch 74, batch 351, having loss: 0.292

At epoch 74, batch 401, having loss: 0.294

Epoch: 74, Loss: 0.295, Training Accuracy: 0.902

Validation Accuracy: 0.87, Total items: 1746

At epoch 75, batch 51, having loss: 0.288

At epoch 75, batch 101, having loss: 0.293

At epoch 75, batch 151, having loss: 0.307

At epoch 75, batch 201, having loss: 0.310

At epoch 75, batch 251, having loss: 0.311

At epoch 75, batch 301, having loss: 0.310

At epoch 75, batch 351, having loss: 0.314

At epoch 75, batch 401, having loss: 0.310

Epoch: 75, Loss: 0.305, Training Accuracy: 0.899

Validation Accuracy: 0.87, Total items: 1746

At epoch 76, batch 51, having loss: 0.280

At epoch 76, batch 101, having loss: 0.291

At epoch 76, batch 151, having loss: 0.314

At epoch 76, batch 201, having loss: 0.307

At epoch 76, batch 251, having loss: 0.311

At epoch 76, batch 301, having loss: 0.321

At epoch 76, batch 351, having loss: 0.317

At epoch 76, batch 401, having loss: 0.315

Epoch: 76, Loss: 0.312, Training Accuracy: 0.897

Validation Accuracy: 0.87, Total items: 1746

At epoch 77, batch 51, having loss: 0.270

At epoch 77, batch 101, having loss: 0.277

At epoch 77, batch 151, having loss: 0.278

At epoch 77, batch 201, having loss: 0.292

At epoch 77, batch 251, having loss: 0.284

At epoch 77, batch 301, having loss: 0.286

At epoch 77, batch 351, having loss: 0.286

At epoch 77, batch 401, having loss: 0.289

Epoch: 77, Loss: 0.290, Training Accuracy: 0.900

Validation Accuracy: 0.86, Total items: 1746

At epoch 78, batch 51, having loss: 0.300

At epoch 78, batch 101, having loss: 0.295

At epoch 78, batch 151, having loss: 0.290

At epoch 78, batch 201, having loss: 0.298

At epoch 78, batch 251, having loss: 0.301

At epoch 78, batch 301, having loss: 0.298

At epoch 78, batch 351, having loss: 0.300

At epoch 78, batch 401, having loss: 0.299

Epoch: 78, Loss: 0.302, Training Accuracy: 0.900

Validation Accuracy: 0.88, Total items: 1746

At epoch 79, batch 51, having loss: 0.303

At epoch 79, batch 101, having loss: 0.304

At epoch 79, batch 151, having loss: 0.292

At epoch 79, batch 201, having loss: 0.285

At epoch 79, batch 251, having loss: 0.283

At epoch 79, batch 301, having loss: 0.285

At epoch 79, batch 351, having loss: 0.290

At epoch 79, batch 401, having loss: 0.291

Epoch: 79, Loss: 0.291, Training Accuracy: 0.900

Validation Accuracy: 0.87, Total items: 1746

At epoch 80, batch 51, having loss: 0.272

At epoch 80, batch 101, having loss: 0.261

At epoch 80, batch 151, having loss: 0.258

At epoch 80, batch 201, having loss: 0.269

At epoch 80, batch 251, having loss: 0.273

At epoch 80, batch 301, having loss: 0.280

At epoch 80, batch 351, having loss: 0.281

At epoch 80, batch 401, having loss: 0.284

Epoch: 80, Loss: 0.281, Training Accuracy: 0.902

Validation Accuracy: 0.88, Total items: 1746

At epoch 81, batch 51, having loss: 0.354

At epoch 81, batch 101, having loss: 0.313

At epoch 81, batch 151, having loss: 0.296

At epoch 81, batch 201, having loss: 0.293

At epoch 81, batch 251, having loss: 0.301

At epoch 81, batch 301, having loss: 0.297

At epoch 81, batch 351, having loss: 0.296

At epoch 81, batch 401, having loss: 0.295

Epoch: 81, Loss: 0.296, Training Accuracy: 0.904

Validation Accuracy: 0.87, Total items: 1746

At epoch 82, batch 51, having loss: 0.271

At epoch 82, batch 101, having loss: 0.269

At epoch 82, batch 151, having loss: 0.282

At epoch 82, batch 201, having loss: 0.296

At epoch 82, batch 251, having loss: 0.297

At epoch 82, batch 301, having loss: 0.299

At epoch 82, batch 351, having loss: 0.299

At epoch 82, batch 401, having loss: 0.294

Epoch: 82, Loss: 0.297, Training Accuracy: 0.902

Validation Accuracy: 0.87, Total items: 1746

At epoch 83, batch 51, having loss: 0.285

At epoch 83, batch 101, having loss: 0.272

At epoch 83, batch 151, having loss: 0.265

At epoch 83, batch 201, having loss: 0.278

At epoch 83, batch 251, having loss: 0.278

At epoch 83, batch 301, having loss: 0.280

At epoch 83, batch 351, having loss: 0.285

At epoch 83, batch 401, having loss: 0.281

Epoch: 83, Loss: 0.282, Training Accuracy: 0.904

Validation Accuracy: 0.87, Total items: 1746

At epoch 84, batch 51, having loss: 0.256

At epoch 84, batch 101, having loss: 0.272

At epoch 84, batch 151, having loss: 0.273

At epoch 84, batch 201, having loss: 0.268

At epoch 84, batch 251, having loss: 0.274

At epoch 84, batch 301, having loss: 0.280

At epoch 84, batch 351, having loss: 0.279

At epoch 84, batch 401, having loss: 0.279

Epoch: 84, Loss: 0.282, Training Accuracy: 0.907

Validation Accuracy: 0.88, Total items: 1746

At epoch 85, batch 51, having loss: 0.225

At epoch 85, batch 101, having loss: 0.245

At epoch 85, batch 151, having loss: 0.257

At epoch 85, batch 201, having loss: 0.263

At epoch 85, batch 251, having loss: 0.269

At epoch 85, batch 301, having loss: 0.272

At epoch 85, batch 351, having loss: 0.272

At epoch 85, batch 401, having loss: 0.271

Epoch: 85, Loss: 0.270, Training Accuracy: 0.912

Validation Accuracy: 0.88, Total items: 1746

At epoch 86, batch 51, having loss: 0.321

At epoch 86, batch 101, having loss: 0.301

At epoch 86, batch 151, having loss: 0.304

At epoch 86, batch 201, having loss: 0.296

At epoch 86, batch 251, having loss: 0.296

At epoch 86, batch 301, having loss: 0.293

At epoch 86, batch 351, having loss: 0.292

At epoch 86, batch 401, having loss: 0.286

Epoch: 86, Loss: 0.284, Training Accuracy: 0.907

Validation Accuracy: 0.88, Total items: 1746

At epoch 87, batch 51, having loss: 0.269

At epoch 87, batch 101, having loss: 0.300

At epoch 87, batch 151, having loss: 0.293

At epoch 87, batch 201, having loss: 0.302

At epoch 87, batch 251, having loss: 0.297

At epoch 87, batch 301, having loss: 0.288

At epoch 87, batch 351, having loss: 0.287

At epoch 87, batch 401, having loss: 0.286

Epoch: 87, Loss: 0.282, Training Accuracy: 0.905

Validation Accuracy: 0.87, Total items: 1746

At epoch 88, batch 51, having loss: 0.288

At epoch 88, batch 101, having loss: 0.287

At epoch 88, batch 151, having loss: 0.269

At epoch 88, batch 201, having loss: 0.273

At epoch 88, batch 251, having loss: 0.265

At epoch 88, batch 301, having loss: 0.265

At epoch 88, batch 351, having loss: 0.266

At epoch 88, batch 401, having loss: 0.269

Epoch: 88, Loss: 0.272, Training Accuracy: 0.910

Validation Accuracy: 0.88, Total items: 1746

At epoch 89, batch 51, having loss: 0.266

At epoch 89, batch 101, having loss: 0.266

At epoch 89, batch 151, having loss: 0.264

At epoch 89, batch 201, having loss: 0.264

At epoch 89, batch 251, having loss: 0.272

At epoch 89, batch 301, having loss: 0.273

At epoch 89, batch 351, having loss: 0.265

At epoch 89, batch 401, having loss: 0.265

Epoch: 89, Loss: 0.268, Training Accuracy: 0.912

Validation Accuracy: 0.88, Total items: 1746

At epoch 90, batch 51, having loss: 0.225

At epoch 90, batch 101, having loss: 0.244

At epoch 90, batch 151, having loss: 0.266

At epoch 90, batch 201, having loss: 0.263

At epoch 90, batch 251, having loss: 0.258

At epoch 90, batch 301, having loss: 0.262

At epoch 90, batch 351, having loss: 0.270

At epoch 90, batch 401, having loss: 0.267

Epoch: 90, Loss: 0.269, Training Accuracy: 0.910

Validation Accuracy: 0.87, Total items: 1746

At epoch 91, batch 51, having loss: 0.253

At epoch 91, batch 101, having loss: 0.255

At epoch 91, batch 151, having loss: 0.256

At epoch 91, batch 201, having loss: 0.256

At epoch 91, batch 251, having loss: 0.265

At epoch 91, batch 301, having loss: 0.260

At epoch 91, batch 351, having loss: 0.266

At epoch 91, batch 401, having loss: 0.263

Epoch: 91, Loss: 0.263, Training Accuracy: 0.912

Validation Accuracy: 0.88, Total items: 1746

At epoch 92, batch 51, having loss: 0.283

At epoch 92, batch 101, having loss: 0.278

At epoch 92, batch 151, having loss: 0.271

At epoch 92, batch 201, having loss: 0.268

At epoch 92, batch 251, having loss: 0.271

At epoch 92, batch 301, having loss: 0.270

At epoch 92, batch 351, having loss: 0.267

At epoch 92, batch 401, having loss: 0.262

Epoch: 92, Loss: 0.261, Training Accuracy: 0.913

Validation Accuracy: 0.88, Total items: 1746

At epoch 93, batch 51, having loss: 0.263

At epoch 93, batch 101, having loss: 0.278

At epoch 93, batch 151, having loss: 0.282

At epoch 93, batch 201, having loss: 0.273

At epoch 93, batch 251, having loss: 0.277

At epoch 93, batch 301, having loss: 0.273

At epoch 93, batch 351, having loss: 0.276

At epoch 93, batch 401, having loss: 0.276

Epoch: 93, Loss: 0.277, Training Accuracy: 0.906

Validation Accuracy: 0.88, Total items: 1746

At epoch 94, batch 51, having loss: 0.255

At epoch 94, batch 101, having loss: 0.259

At epoch 94, batch 151, having loss: 0.276

At epoch 94, batch 201, having loss: 0.268

At epoch 94, batch 251, having loss: 0.259

At epoch 94, batch 301, having loss: 0.260

At epoch 94, batch 351, having loss: 0.262

At epoch 94, batch 401, having loss: 0.266

Epoch: 94, Loss: 0.271, Training Accuracy: 0.911

Validation Accuracy: 0.89, Total items: 1746

At epoch 95, batch 51, having loss: 0.259

At epoch 95, batch 101, having loss: 0.271

At epoch 95, batch 151, having loss: 0.262

At epoch 95, batch 201, having loss: 0.267

At epoch 95, batch 251, having loss: 0.268

At epoch 95, batch 301, having loss: 0.263

At epoch 95, batch 351, having loss: 0.264

At epoch 95, batch 401, having loss: 0.260

Epoch: 95, Loss: 0.260, Training Accuracy: 0.912

Validation Accuracy: 0.88, Total items: 1746

At epoch 96, batch 51, having loss: 0.270

At epoch 96, batch 101, having loss: 0.260

At epoch 96, batch 151, having loss: 0.261

At epoch 96, batch 201, having loss: 0.261

At epoch 96, batch 251, having loss: 0.258

At epoch 96, batch 301, having loss: 0.258

At epoch 96, batch 351, having loss: 0.258

At epoch 96, batch 401, having loss: 0.253

Epoch: 96, Loss: 0.250, Training Accuracy: 0.913

Validation Accuracy: 0.88, Total items: 1746

At epoch 97, batch 51, having loss: 0.244

At epoch 97, batch 101, having loss: 0.259

At epoch 97, batch 151, having loss: 0.255

At epoch 97, batch 201, having loss: 0.254

At epoch 97, batch 251, having loss: 0.253

At epoch 97, batch 301, having loss: 0.251

At epoch 97, batch 351, having loss: 0.253

At epoch 97, batch 401, having loss: 0.258

Epoch: 97, Loss: 0.256, Training Accuracy: 0.912

Validation Accuracy: 0.88, Total items: 1746

At epoch 98, batch 51, having loss: 0.257

At epoch 98, batch 101, having loss: 0.262

At epoch 98, batch 151, having loss: 0.270

At epoch 98, batch 201, having loss: 0.270

At epoch 98, batch 251, having loss: 0.263

At epoch 98, batch 301, having loss: 0.262

At epoch 98, batch 351, having loss: 0.257

At epoch 98, batch 401, having loss: 0.257

Epoch: 98, Loss: 0.255, Training Accuracy: 0.914

Validation Accuracy: 0.88, Total items: 1746

At epoch 99, batch 51, having loss: 0.238

At epoch 99, batch 101, having loss: 0.242

At epoch 99, batch 151, having loss: 0.242

At epoch 99, batch 201, having loss: 0.240

At epoch 99, batch 251, having loss: 0.234

At epoch 99, batch 301, having loss: 0.236

At epoch 99, batch 351, having loss: 0.241

At epoch 99, batch 401, having loss: 0.242

Epoch: 99, Loss: 0.241, Training Accuracy: 0.921

Validation Accuracy: 0.88, Total items: 1746

At epoch 100, batch 51, having loss: 0.249

At epoch 100, batch 101, having loss: 0.255

At epoch 100, batch 151, having loss: 0.259

At epoch 100, batch 201, having loss: 0.262

At epoch 100, batch 251, having loss: 0.257

At epoch 100, batch 301, having loss: 0.256

At epoch 100, batch 351, having loss: 0.260

At epoch 100, batch 401, having loss: 0.260

Epoch: 100, Loss: 0.259, Training Accuracy: 0.916

Validation Accuracy: 0.89, Total items: 1746

Finished Training

The training time is 27474.345 seconds