

With Mini-Batch Size of 16:

1. Code Changes:

- Changed the `batch_size` parameter from 32 (baseline) to 16 (half the size) of the `DataLoader()` function for the `train_loader` and `val_loader` objects. See:

```
train_loader = DataLoader(train_dataset, batch_size=16, shuffle=True,
                           num_workers=0)

val_loader = DataLoader(val_dataset, batch_size=16, shuffle=False,
                        num_workers=0)
```

2. Output:

