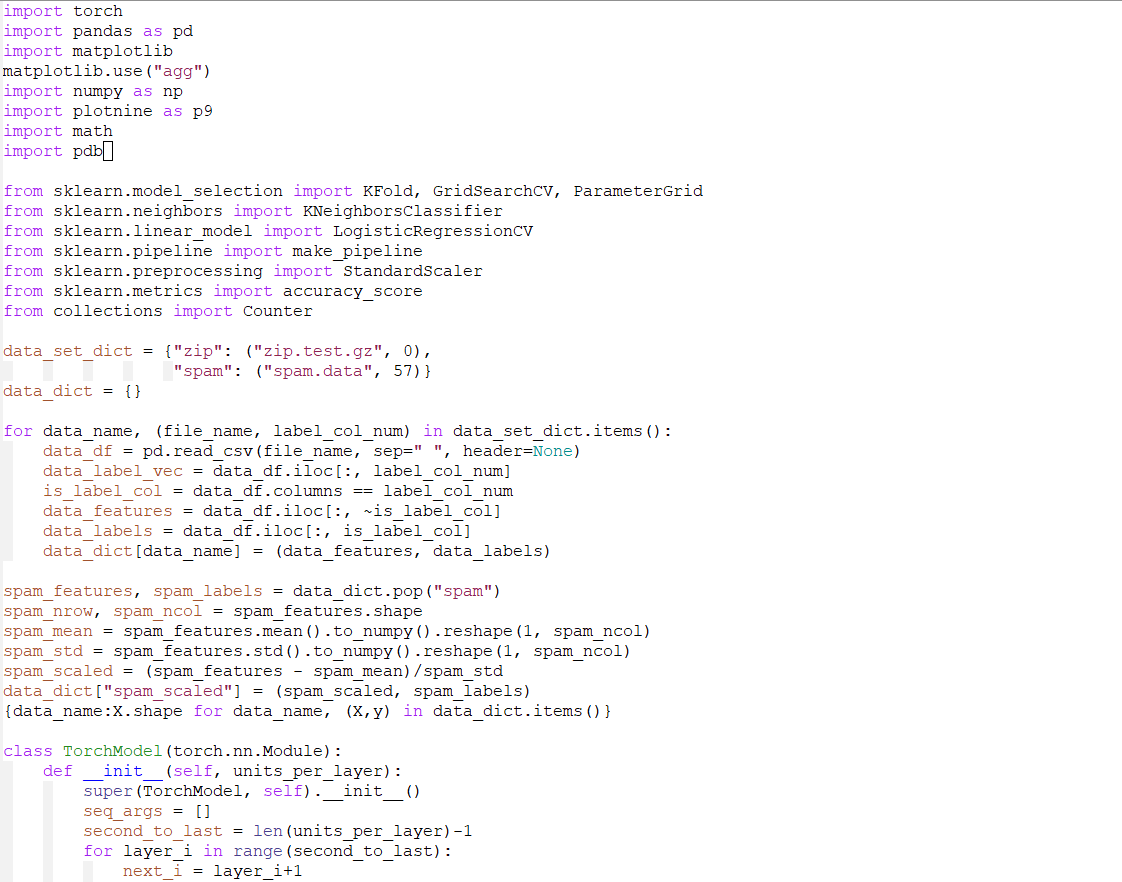
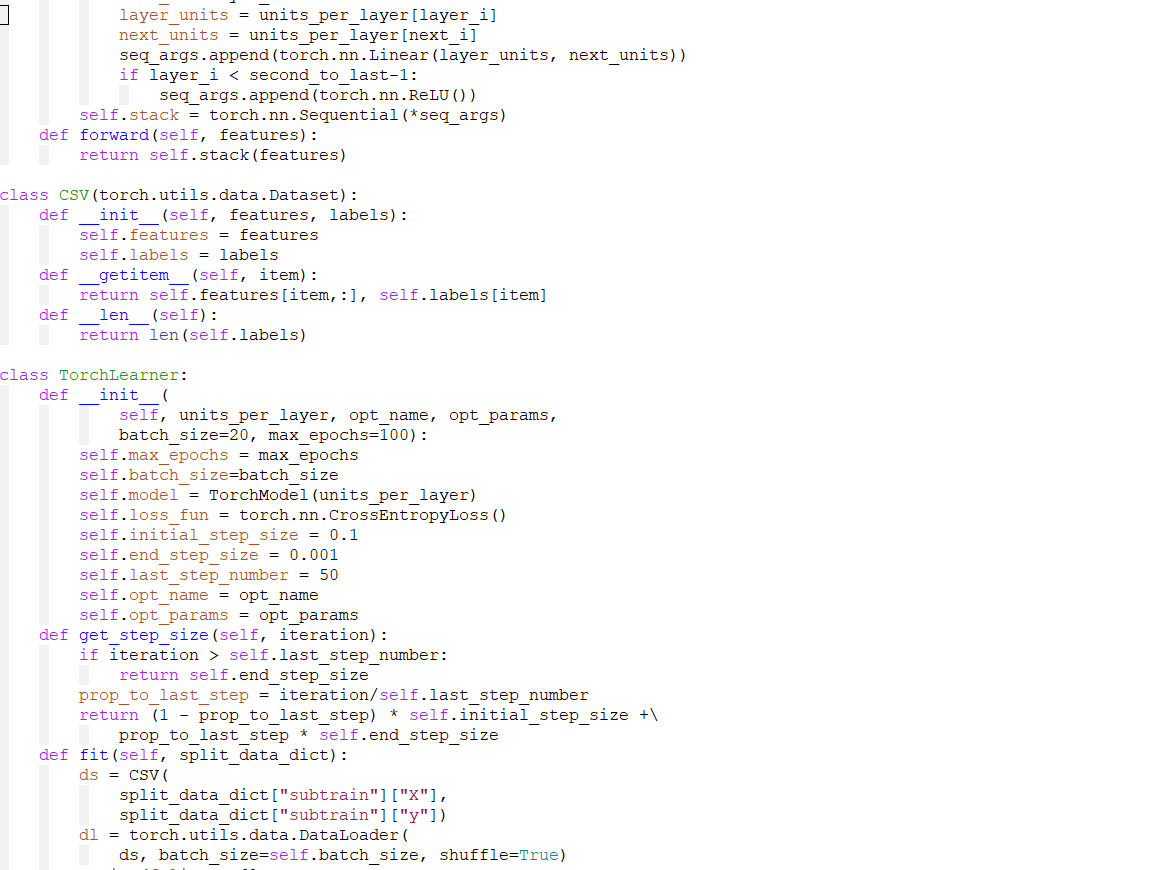
**CS599 (Deep Learning)**

**Homework – 12**

1. **Python Code:**



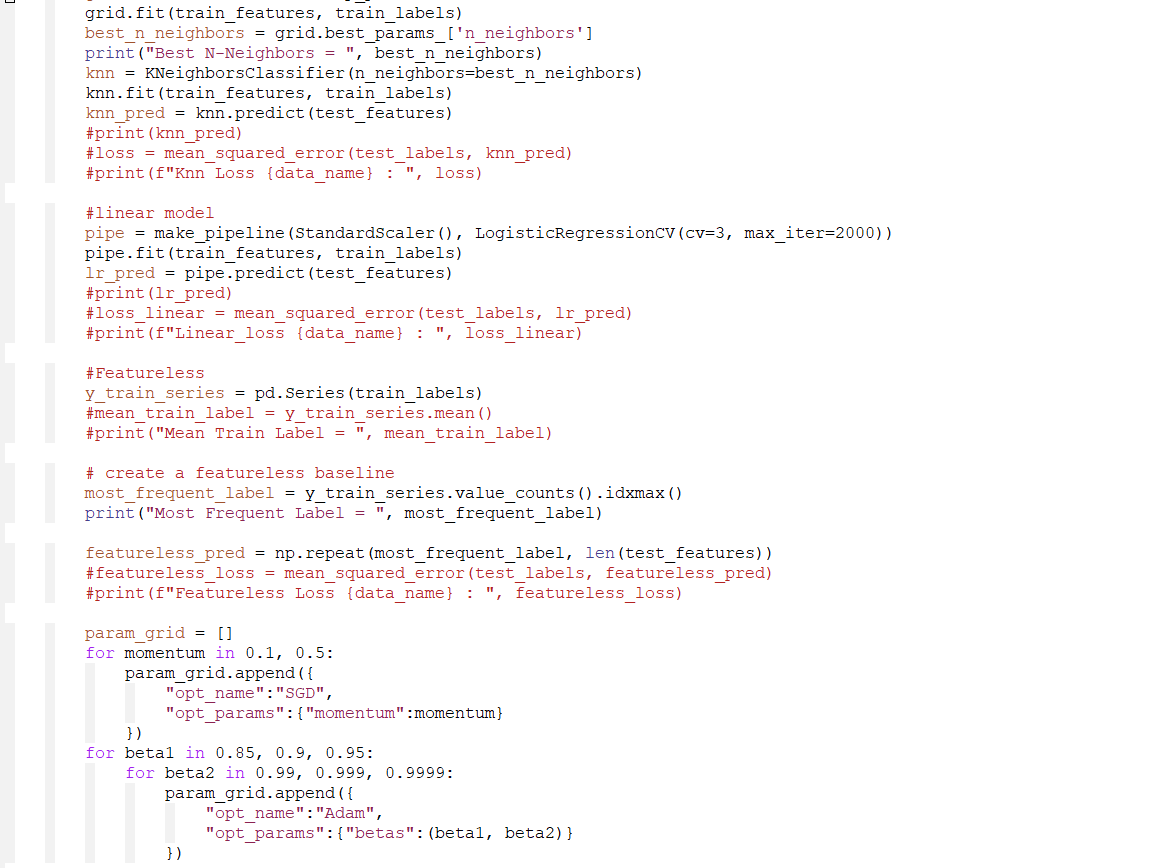


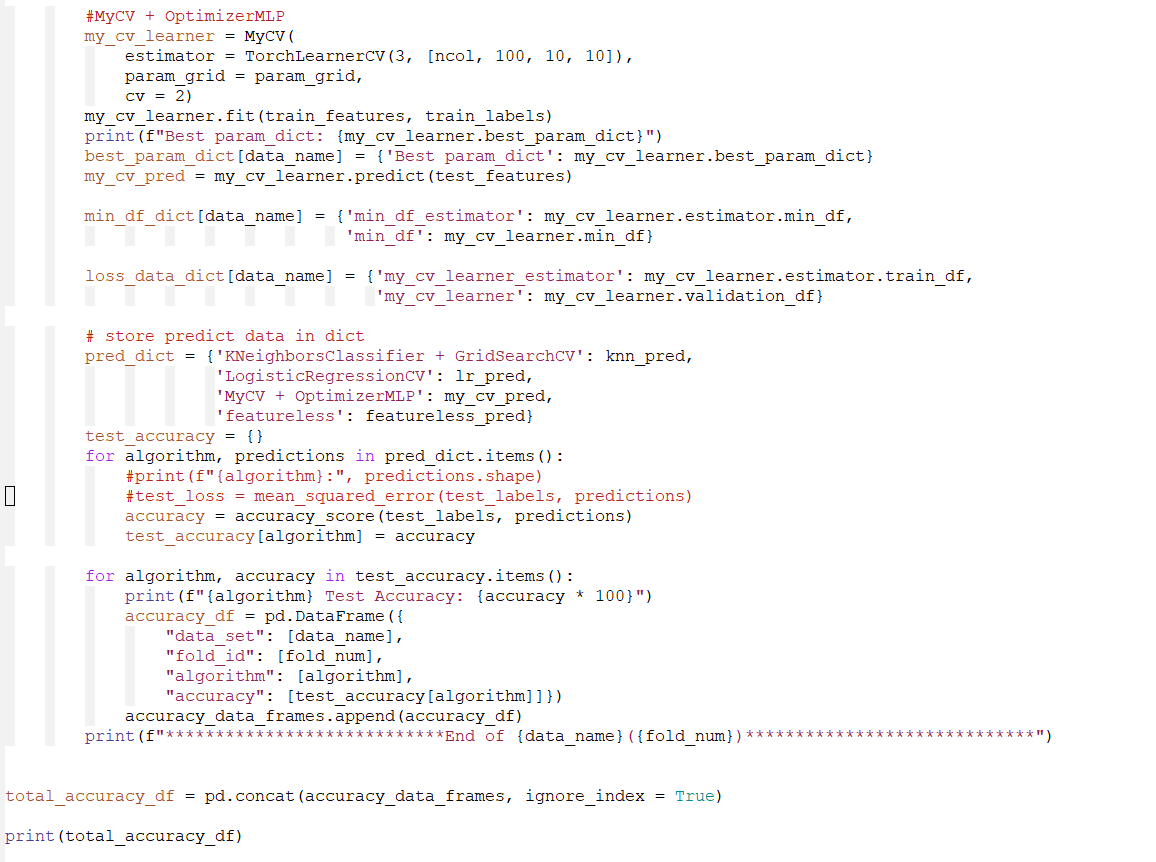


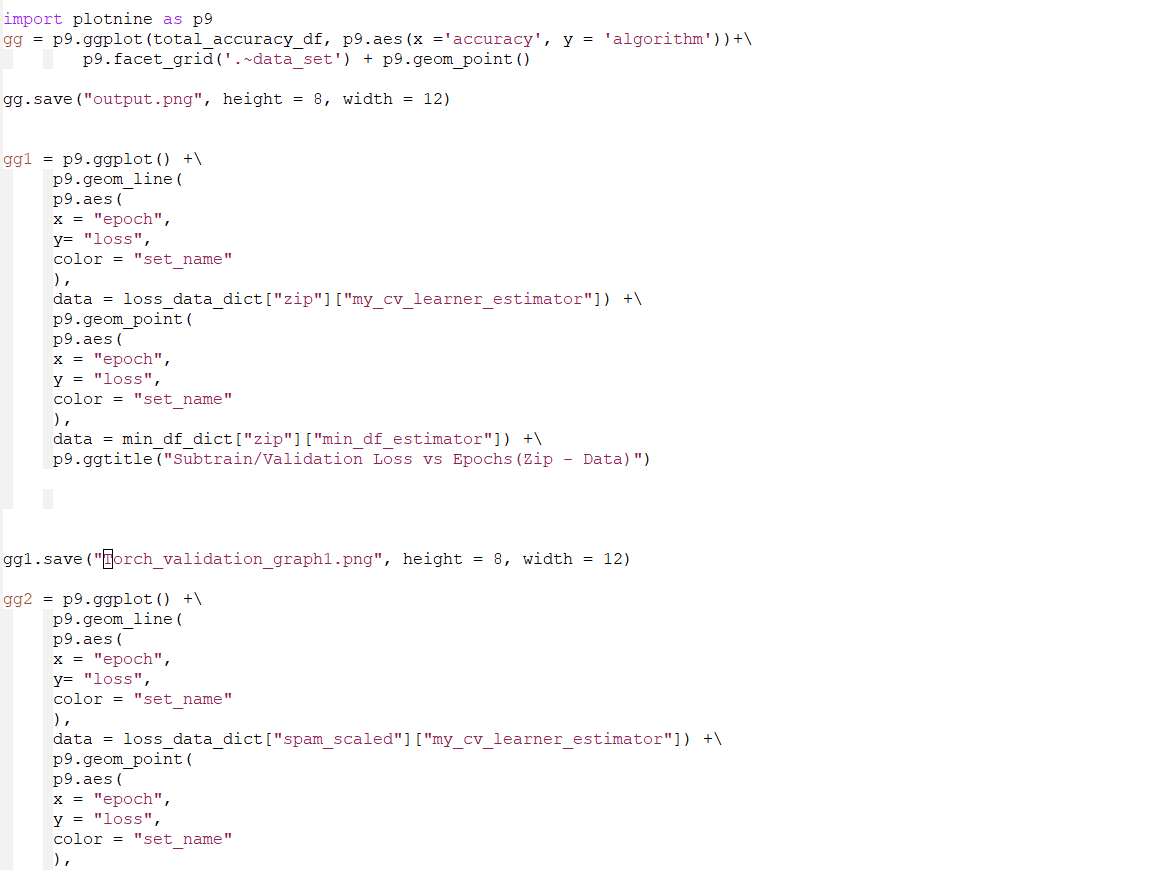




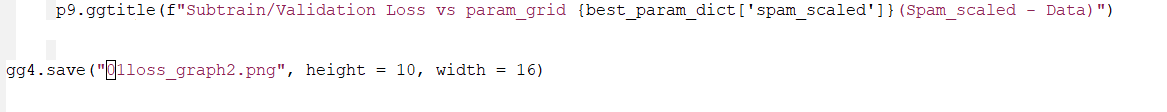




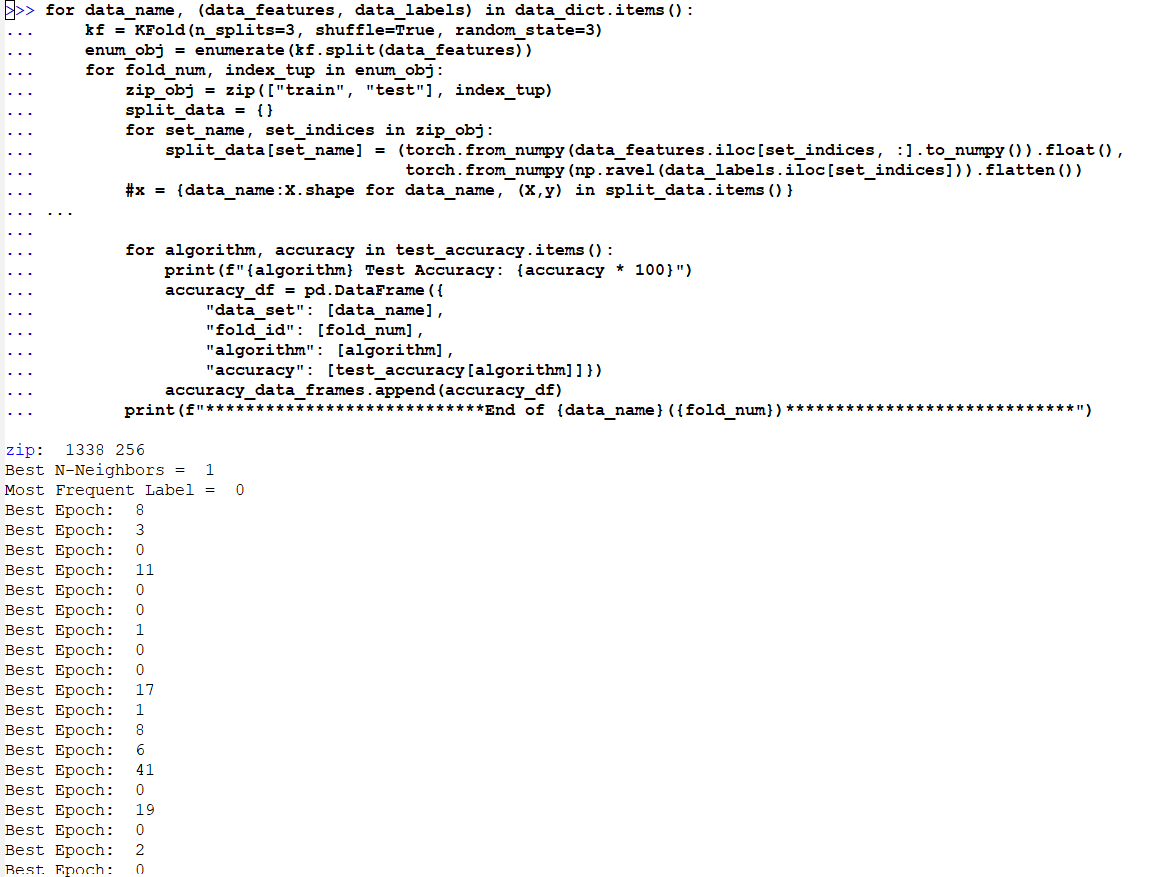


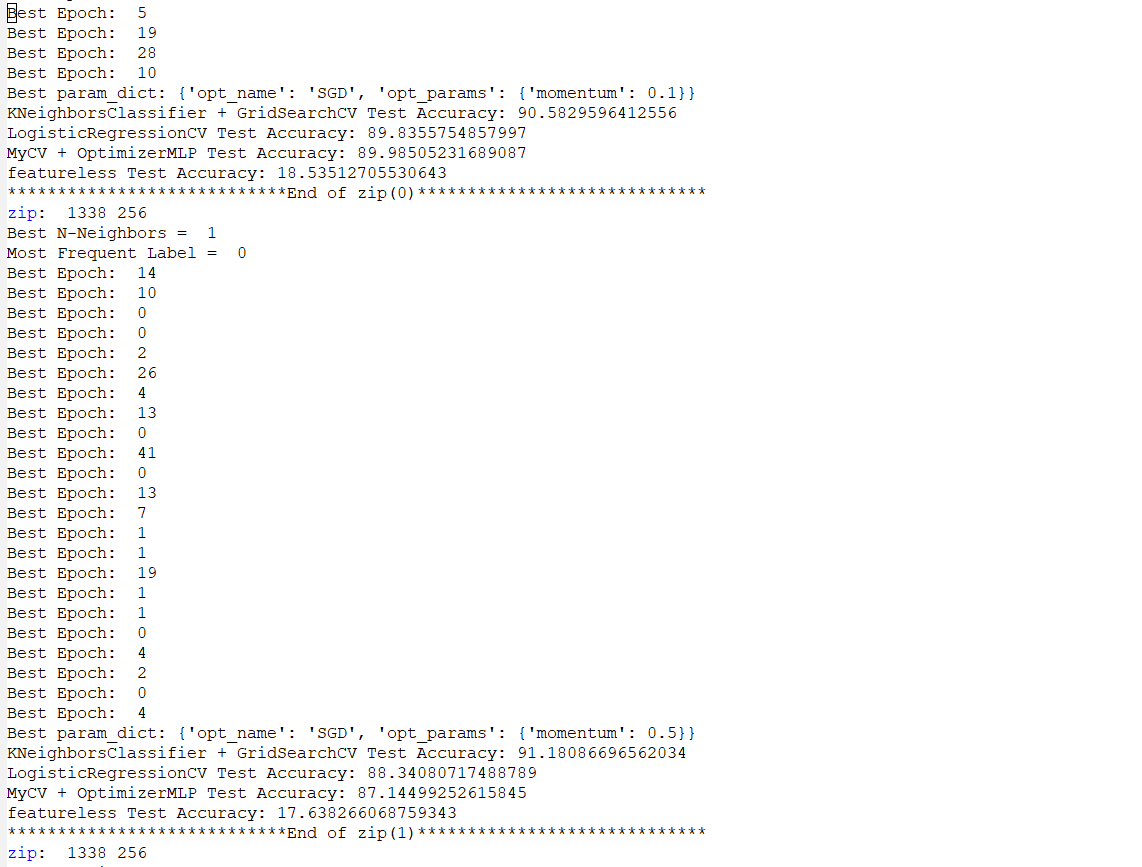


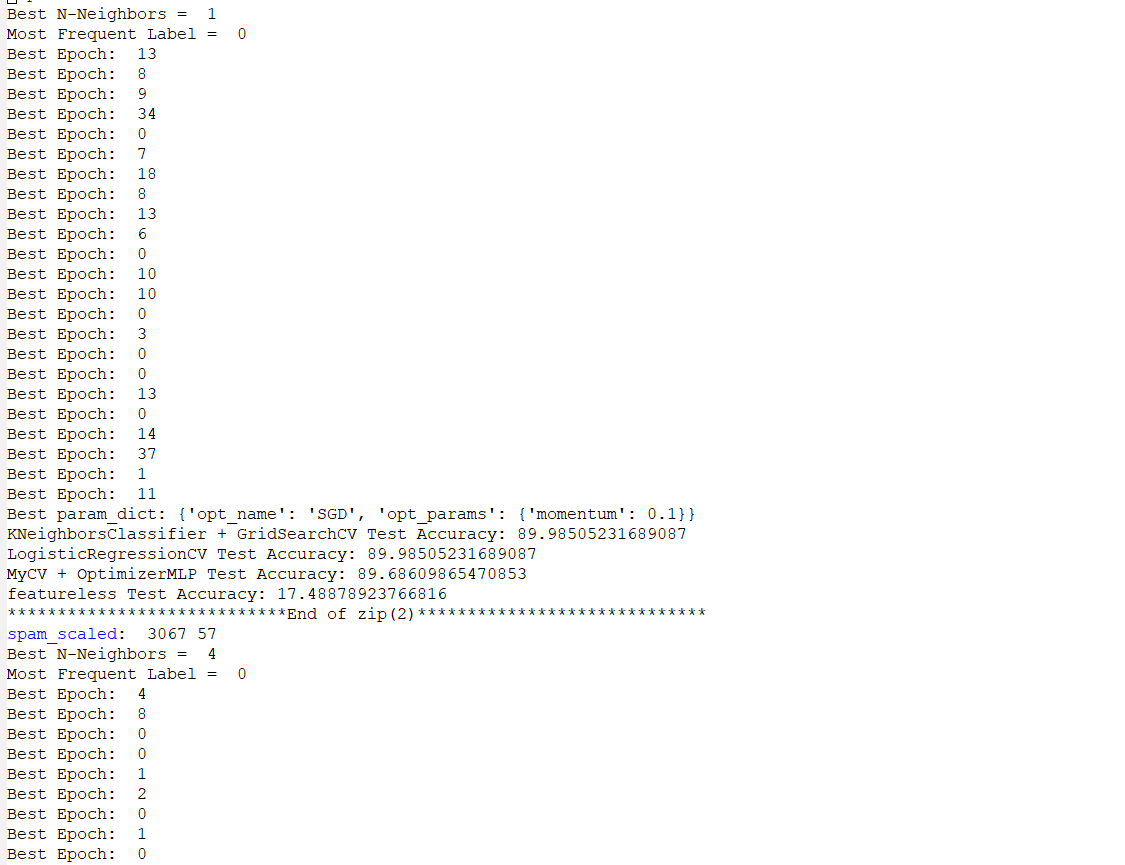


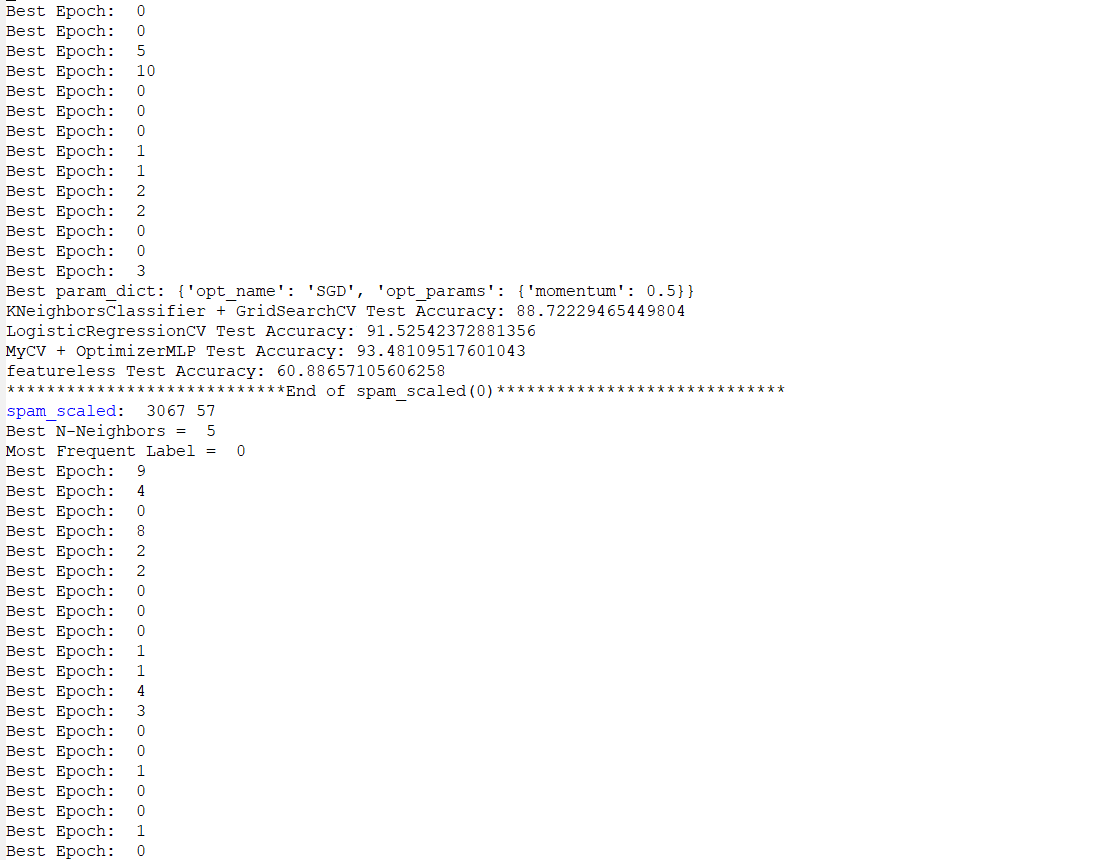


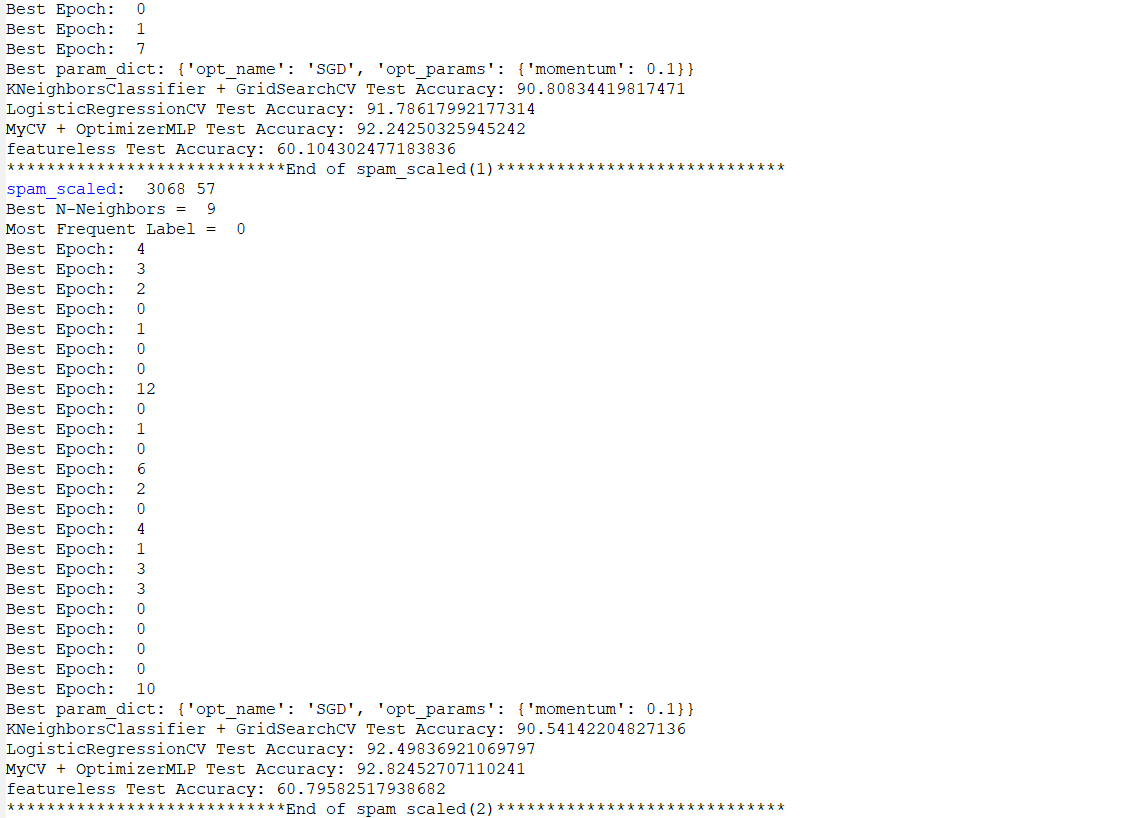
1. **Output:**

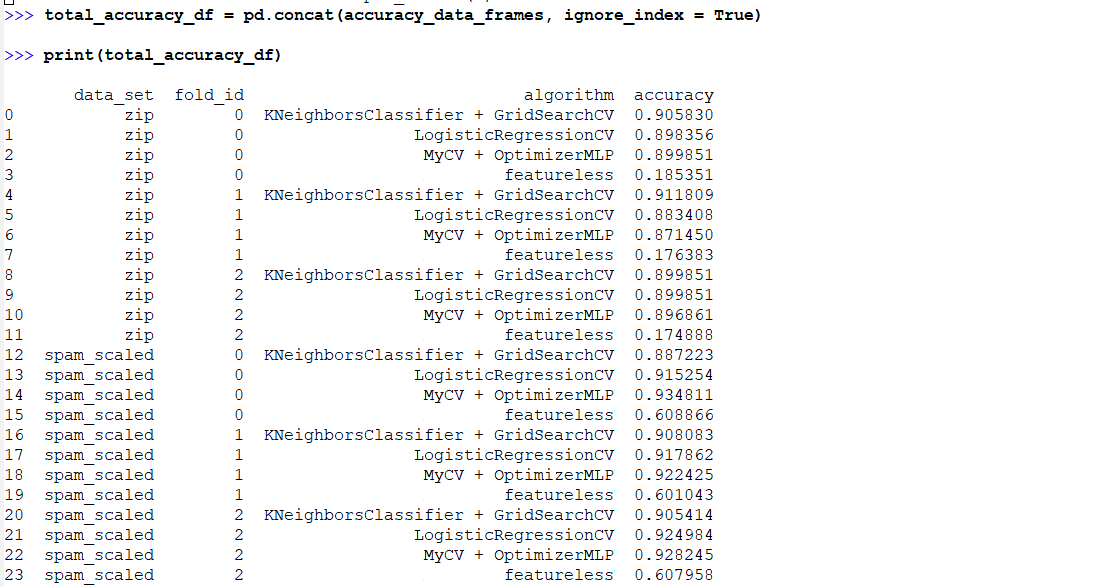
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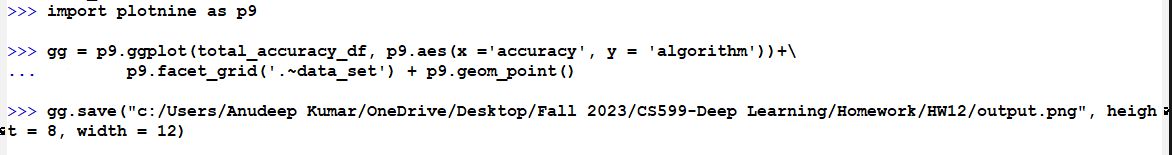
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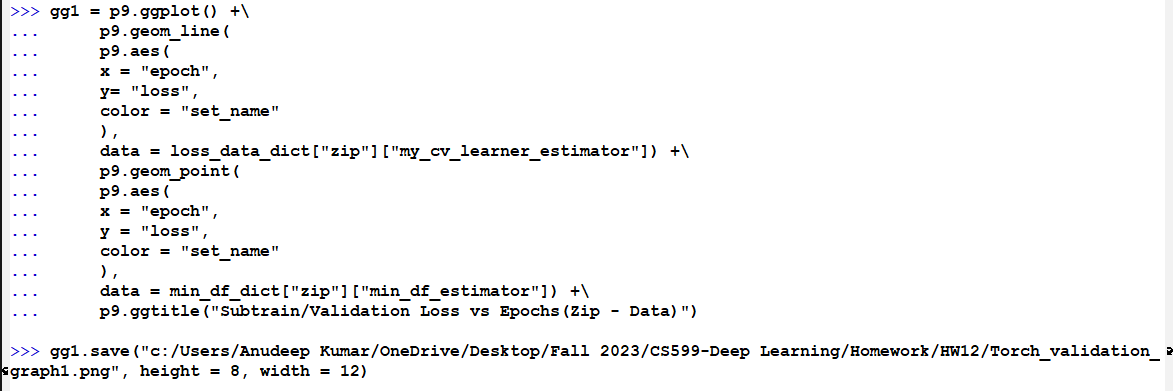
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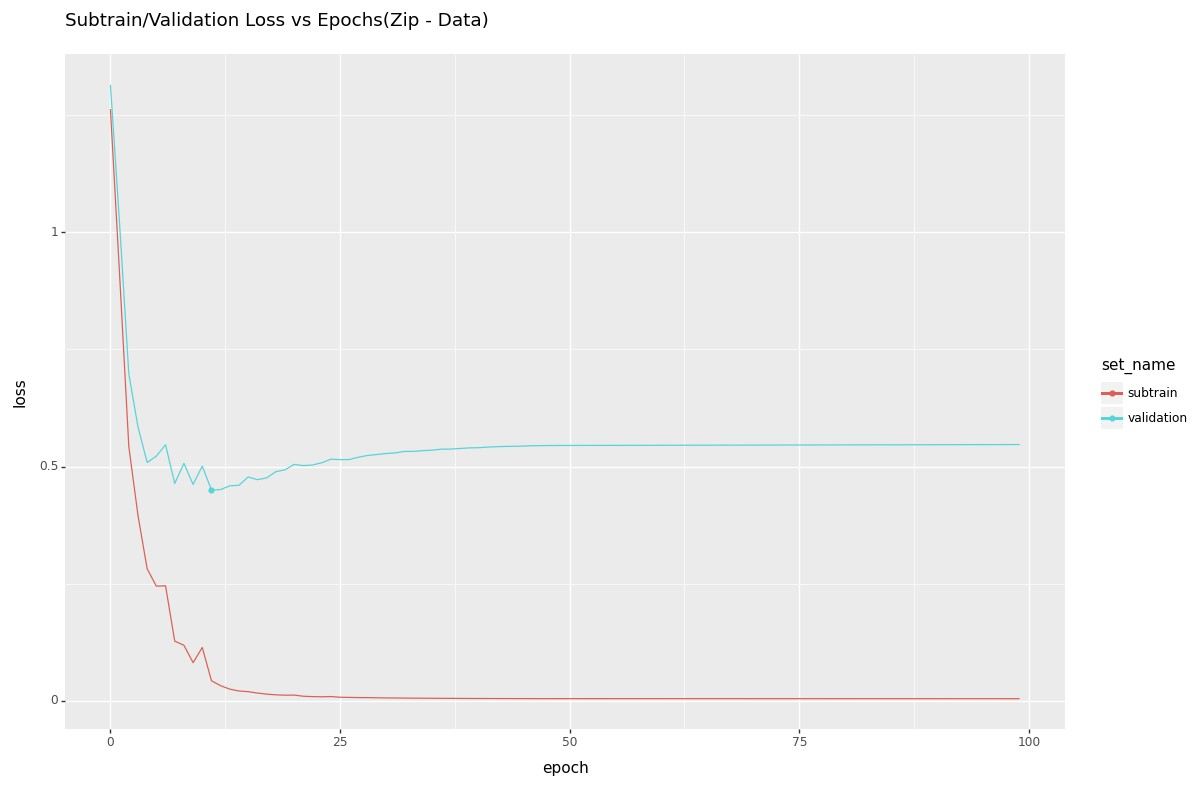
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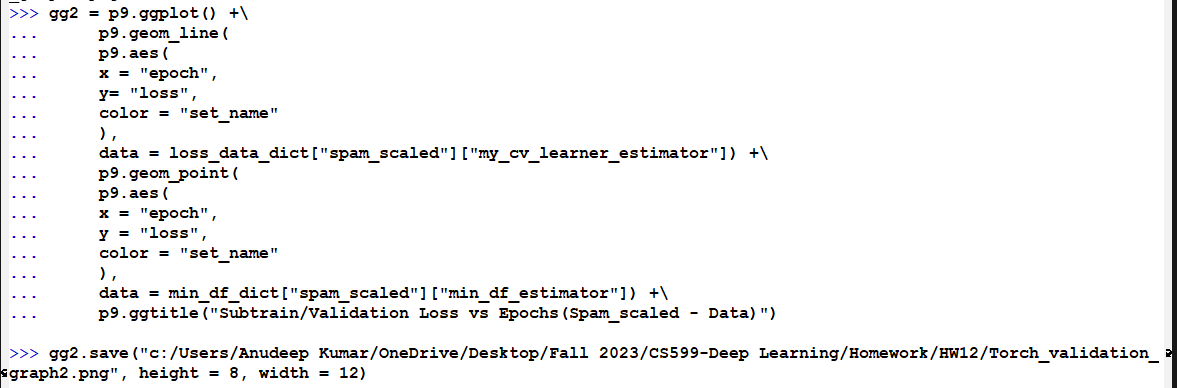
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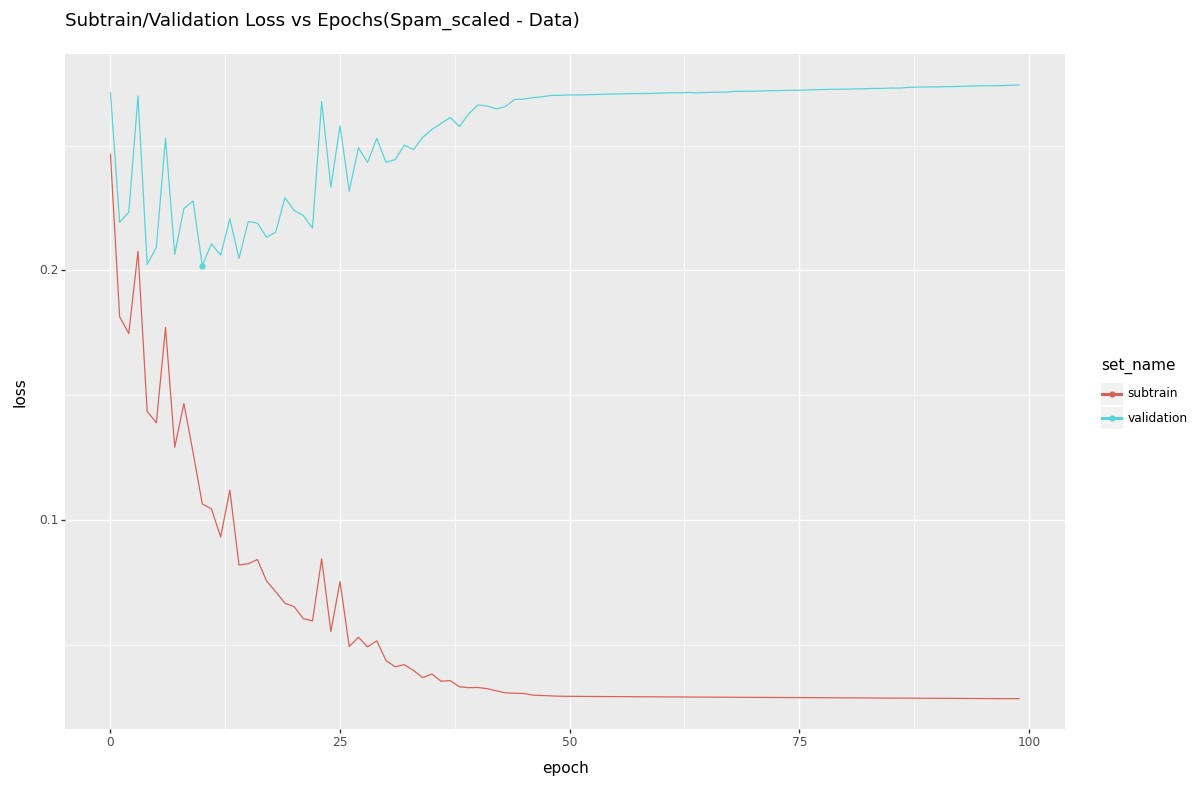
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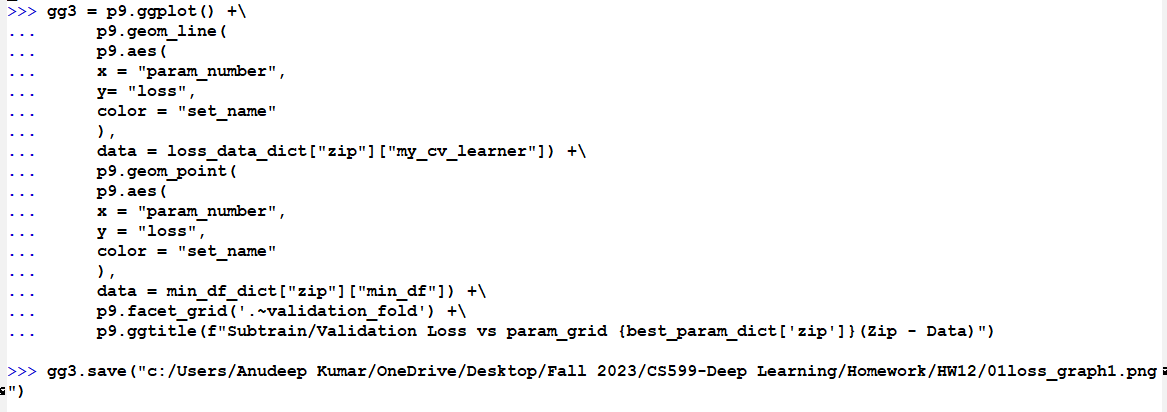


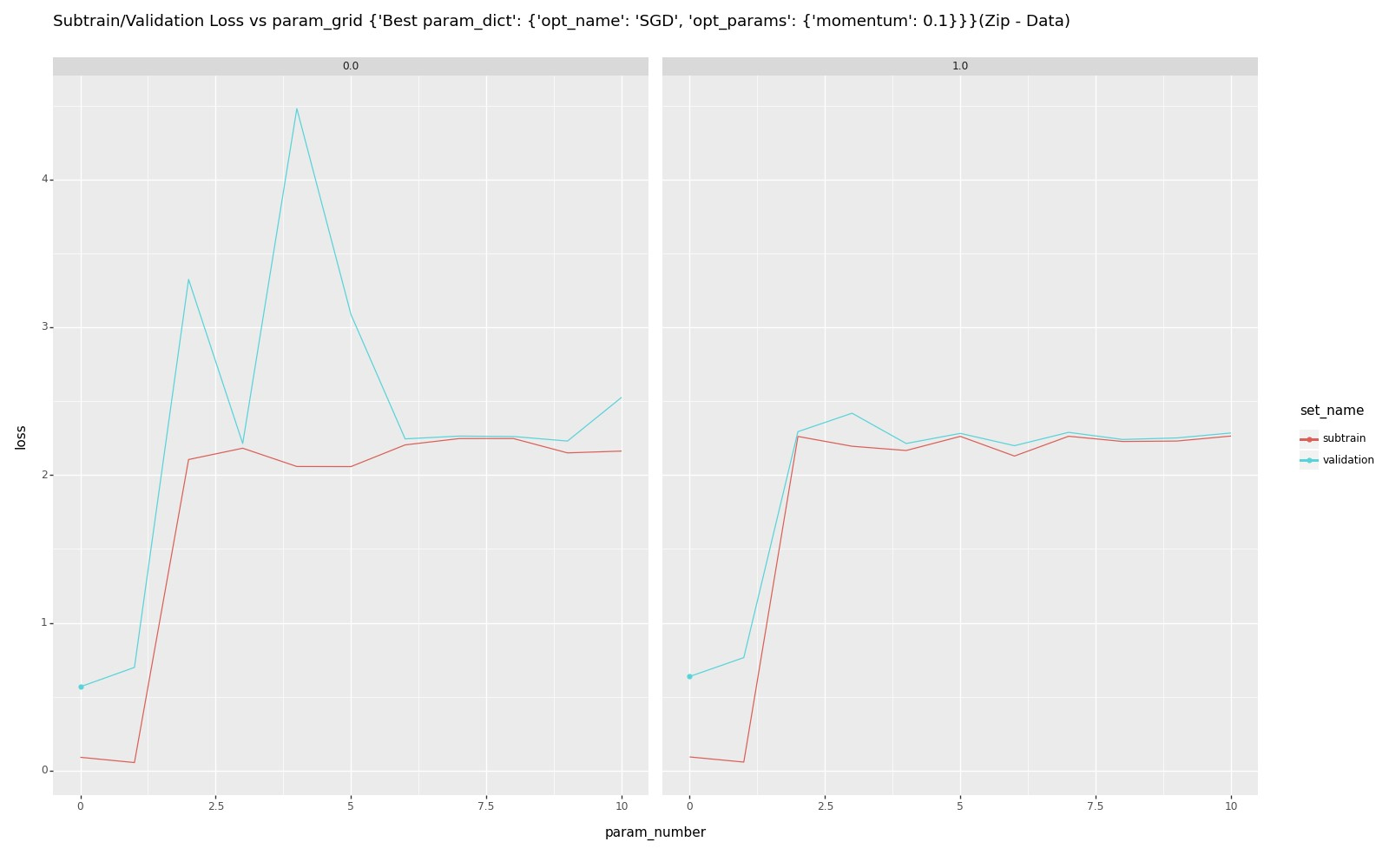
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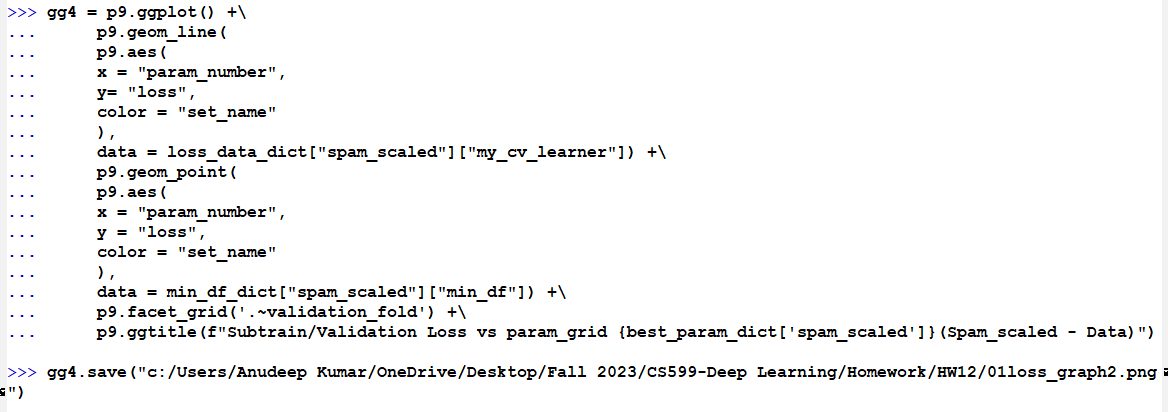


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