**National Institute of Technology**

**Warangal**

**Lab 3 Assignment**

**Name: Ayush Rana**

**Roll Number: 24CSM2R05**

**Course Title: Data Privacy**

**Department: Computer Science and Engineering**

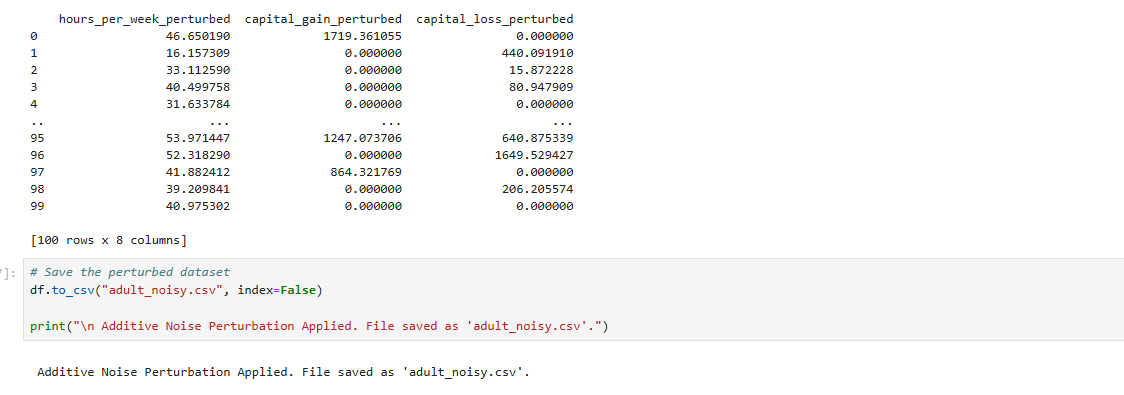
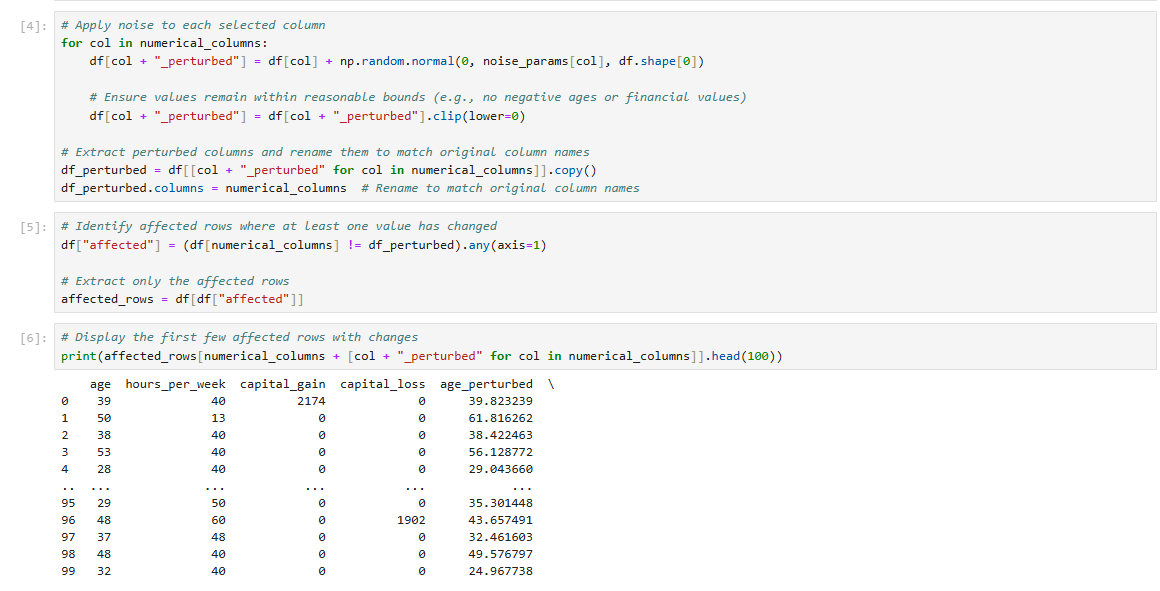
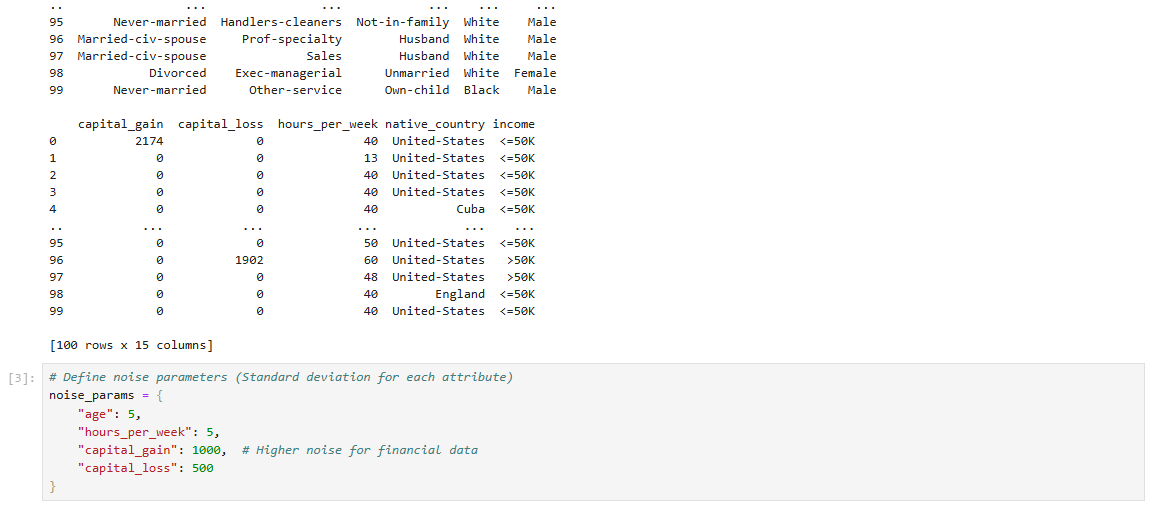
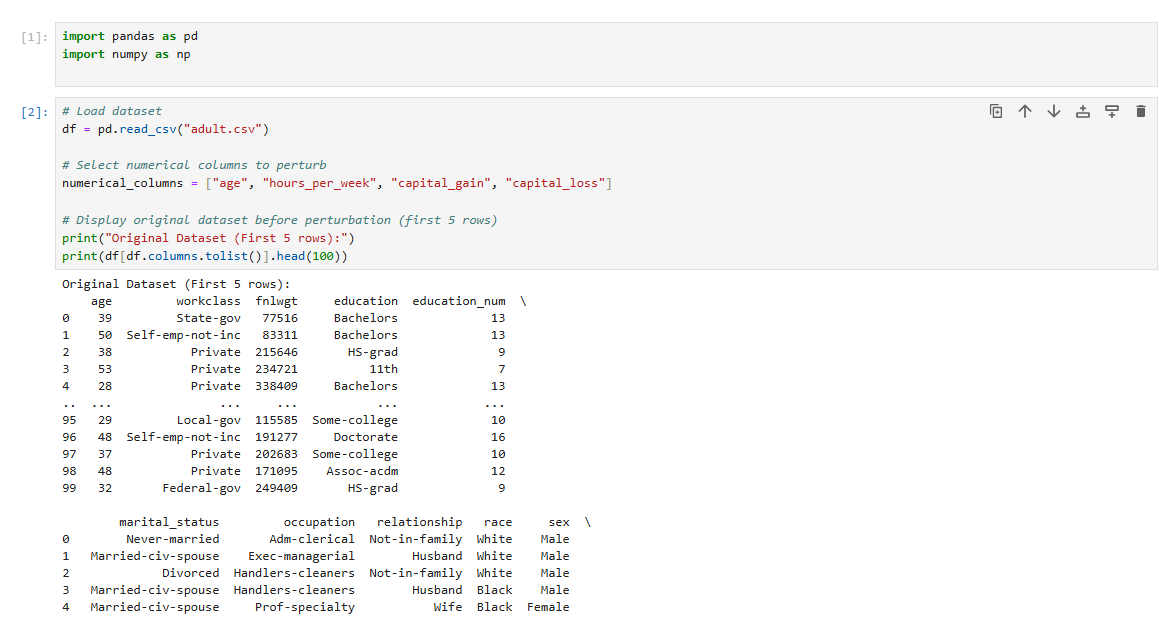
**Program: M. Tech in Computer Science and**

**Information Security**

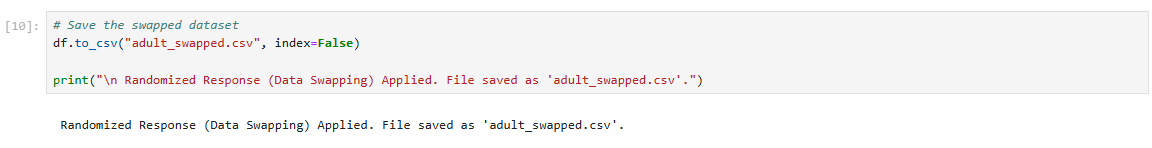
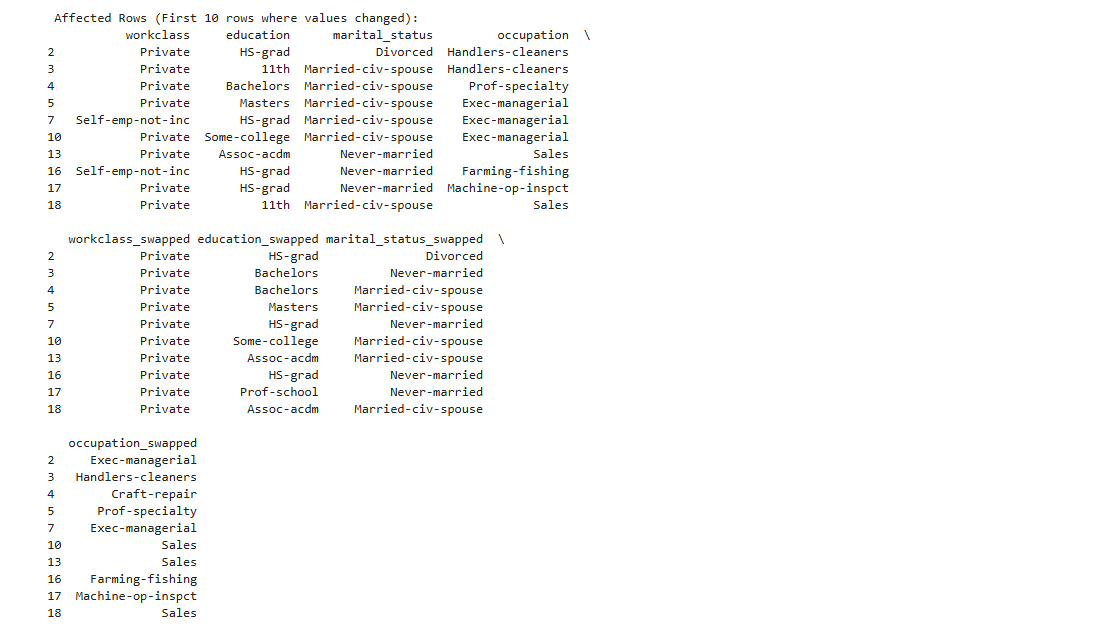
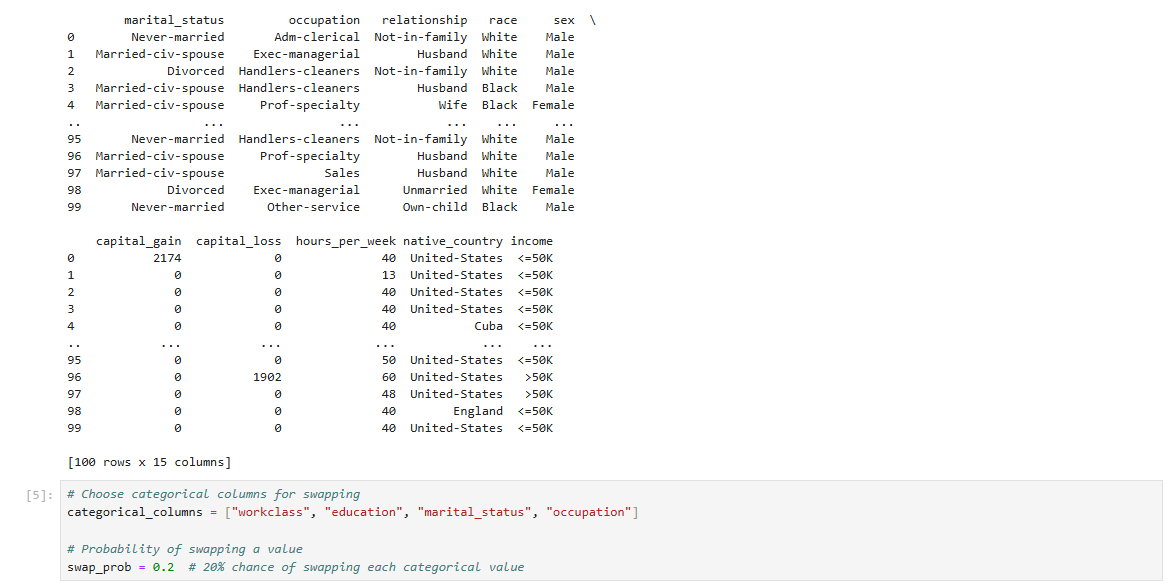
**Semester: 2**

1. Implement any 3 Perturbation Techniques to preserve data privacy.

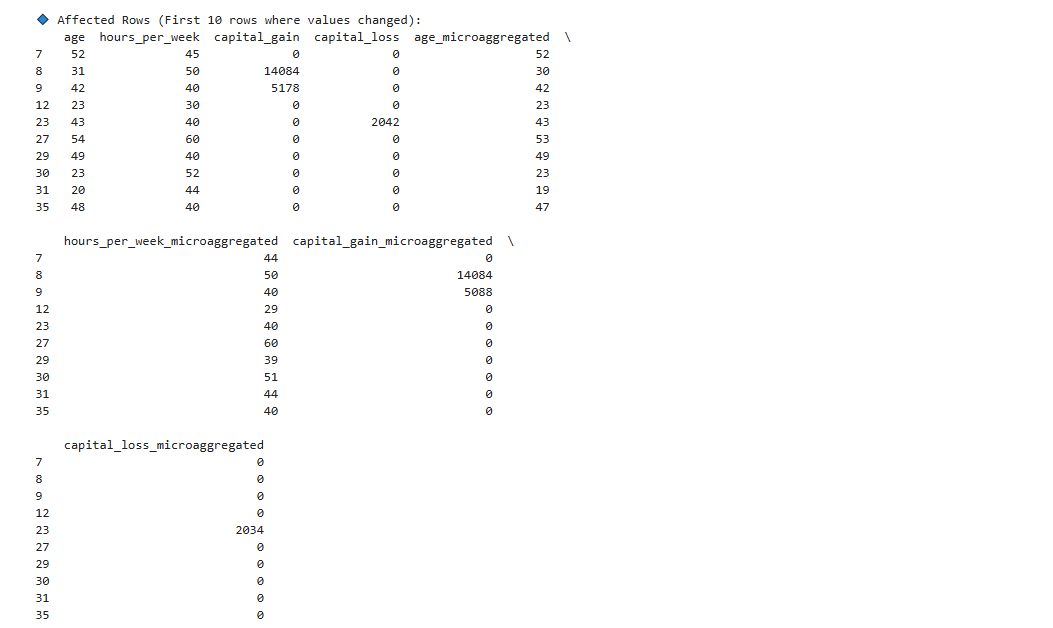
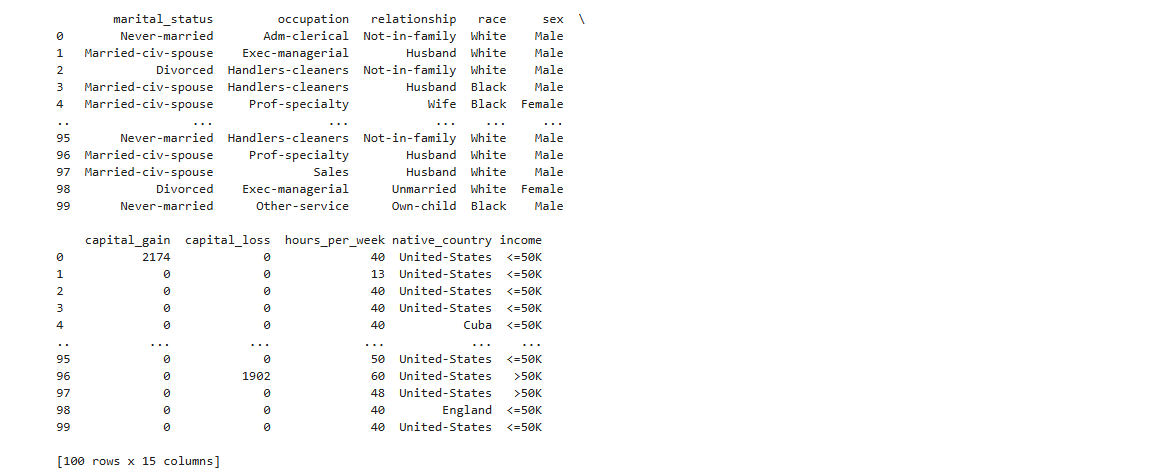
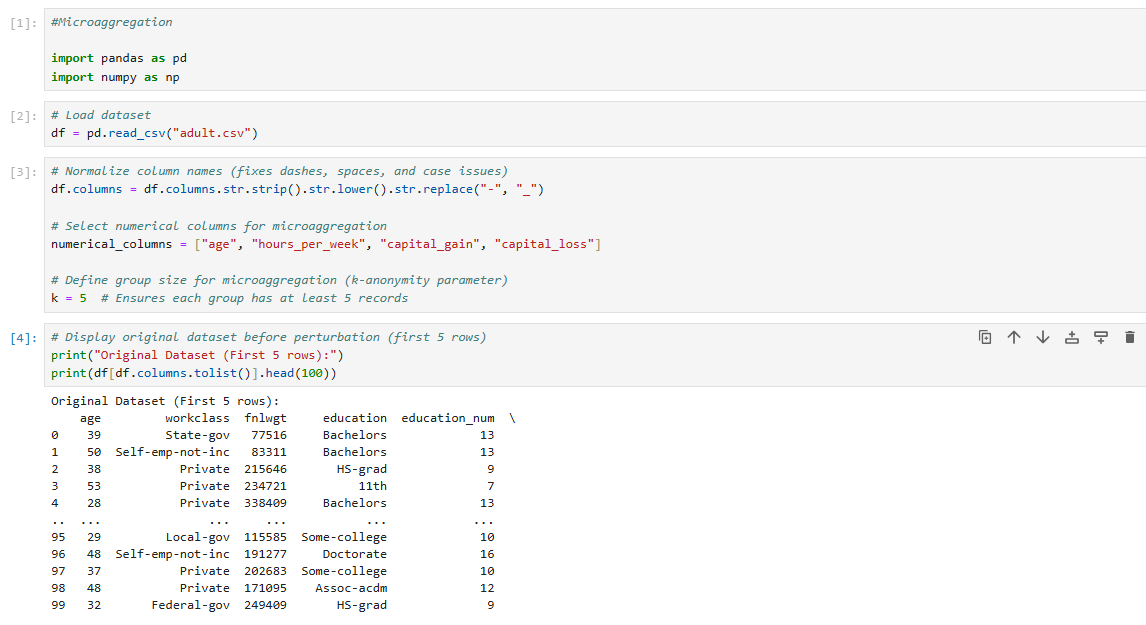
**1. Additive Noise Perturbation**



**2. Randomized Response (Data Swapping)**

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**3. Microaggregation**

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