1. Abstract
2. Introduction
   1. Problem & Motivation
   2. Approach and Proceeding
   3. Outline
3. Preliminaries
   1. Data Synthesis
      1. Synthetic data Generation
      2. Tabular Data # characteristics of tabular data
   2. (Machine Learning)
   3. (Deep Learning)
   4. Generative Algorithms #focus on deep learning?
      1. Variational Autoencoder
      2. Generative Adversarial networks
      3. Transformer
      4. Diffusion
   5. Evaluation of synthetic tabular data
4. Related Work
   1. GAN Models
      1. CTGAN
      2. CTAB-GAN
      3. …
   2. Diffusion Models
      1. Diffusion for image synthesis
      2. Diffusion for tabular synthesis
5. Methods
   1. Experimental Setup # (CPU, GPU, Versions, etc.)
   2. Datasets
   3. Implementation Details # (What did I add to the existing software)
      1. Model architecture
      2. Training
         1. Train loop & Loss function
         2. Hyperparameters
      3. Sampling
      4. Evaluation
6. Results and Analysis
   1. Experiment Results
      1. Statistical similarity
      2. Machine Learning Utility
      3. Comparison to existing approach
   2. Analysis # is my approach better / worse
   3. (Limitations) # what cannot be concluded from results
7. Conclusion # including Future work