# 1 Experiment 4 of set Transformer (25-50 words)

## 1.1 Device and Version Information

### 1.1.1 CPU Information

| | |
|---:|:---|
| python_version | 3.7.4.final.0 (64 bit) |
| cpuinfo_version | 5, 0, 0 |
| arch | X86_64 |
| bits | 64 |
| count | 32 |
| raw_arch_string | x86_64 |
| vendor_id | GenuineIntel |
| brand | Intel(R) Xeon(R) CPU E5-2630 v3 @ 2.40GHz |
| hz_advertised | 2.4000 GHz |
| hz_actual | 2.8032 GHz |
| hz_advertised_raw | 2400000000, 0 |
| hz_actual_raw | 2803218000, 0 |
| stepping | 2 |
| model | 63 |
| family | 6 |
| flags | abm, acpi, aperfmperf, apic, arat, arch_perfmon, avx, avx2, bmi1, bmi2, bts, clflush, cmov, constant_tsc, cqm, cqm_llc, cqm_occup_llc, cx16, cx8, dca, de, ds_cpl, dtes64, dtherm, dts, eagerfpu, epb, ept, erms, est, f16c, flexpriority, fma, fpu, fsgsbase, fxsr, ht, ibpb, ibrs, ida, invpcid, invpcid_single, kaiser, lahf_lm, lm, mca, mce, mmx, monitor, movbe, msr, mtrr, nonstop_tsc, nopl, nx, pae, pat, pbe, pcid, pclmulqdq, pdcm, pdpe1gb, pebs, pge, pln, pni, popcnt, pse, pse36, pts, rdrand, rdtscp, rep_good, sdbg, sep, smep, smx, ss, sse, sse2, sse4_1, sse4_2, ssse3, stibp, syscall, tm, tm2, tpr_shadow, tsc, tsc_adjust, tsc_deadline_timer, vme, vmx, vnmi, vpid, x2apic, xsave, xsaveopt, xtopology, xtpr |
| l3_cache_size | 20480 KB |
| l2_cache_size | 256 KB |
| l1_data_cache_size | 32 KB |
| l1_instruction_cache_size | 32 KB |

### 1.1.2 GPU Information

Num GPUs: 1

| name | Tesla K40m |
|---:|:---|
| total_memory | 11441 MiB |
| driver_version | 410.78 |
| cuda_version | 10.0 |

### 1.1.3 Carbon Estimation Information

| | |
|---:|:---|
| Experiment Impact Tracker Version | 0.1 |
| Compute Region | US-CA |
| average gCO2eq/kWh | 366.5293823941619 |
| Carbon Data Source | Live Data Fromhttp://www.caiso.com/outlook/SP/History/<date>/c |
| Assumed PUE | 1.58 |

## 1.2 Experiment Info

| | |
|---:|:---|
| Experiment Start Time | 1571275884.87207 |
| Experiment Length (hours) | 0.34659899526172216 |
| Intel (CPU+DRAM, RAPL) Power Usage (kWh) | 0.008340449818357902 |
| NVIDIA (GPU) Power Usage (kWh) | 0.039731974411710766 |
| Total (Including PUE Mult.) Power (kWh) | 0.0759544302835085 |
| Estimated Carbon Impact (kgCO2eq) | 0.027838621242445988 |
| Final CPU-Hours (psutil estimate) | 0.3513638888888889 |
| Final GPU-Hours (climate-impact-tracker estimate) | 0.307085986226778083 |