Assumptions:

- Average runtime for Job1: 5min 30sec = 330 seconds
- Average runtime for Job2: 38 minutes = 2280 seconds
- Both jobs run only on Saturdays: 1 day/week
- DPU Worker Type: G.2X
- Glue Version: 4
- DPU-Hour rate: $0.44 (According to AWS Glue official pricing)
- Number of DPUs used: 40
- Number of AWS Accounts: 12

1. **Monthly Job Cost for 1 Account:**

- Runs per week: 1 (Saturday)
- Weeks per month: 4 (approximately)
- Total runs per month: 1 run/week * 4 weeks/month = 4 runs/month
- Total DPU-Hours per Run:
    - Job1 (330 seconds) + Job2 (2280 seconds) = 2610 seconds
    - 2610 seconds / 3600 seconds/hour = 0.725 DPU-Hours per run
    - With 40 DPUs: 0.725 DPU-Hours/run * 40 DPUs = 29.0000 DPU-Hours
- Monthly Cost:
    - 29.0000 DPU-Hours/run * 4 runs/month * $0.44/DPU-Hour = $50.16

2. **Monthly Job Cost for 12 Accounts:**

- Total monthly cost for 1 account: $50.16
- Monthly cost for 12 accounts: $50.16/account * 12 accounts = $601.92

3. **Yearly Job Cost for 1 Account:**

- Monthly cost: $50.16
- Yearly cost: 12 months/year * $50.16/month = $601.92

4**. Yearly Job Cost for 12 Accounts:**

- Yearly cost for 1 account: $601.92

- Yearly cost for 12 accounts: $601.92/account * 12 accounts = $7223.04