Table 1. MAE values User based

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fold # | τ=.4 | τ=.5 | τ=.6 | τ=.7 |
| 1 | 0.83793784616644 | 0.88989908135374 | 0.25925925925925 | 0.2590866889 |
| 2 | 0.84621583411312 | 0.87389641801547 | 0.68952527925037 | 0.270869565217 |
| 3 | 0.838484479371079 | 0.871690920589757 | 0.515151515151515 | 0.3333333333333 |
| 4 | 0.823708021661780 | 0.851140159582540 | 0.59143383012886 | 0.3205785123966 |
| 5 | 0.847305800217203 | 0.861979783660662 | 0.82846732348508 | 0.6170212765957 |
| Average | 0.838730396305 | 0.869721272640 | 0.460480675429 | 0.3601778752 |

Assumption: Average is taken to accumulate those cases where no similar user with required threshold is found (4,0.7) and (5,0.7)

Table 2. MAE values Item based

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fold # | K=10 | K=20 | K=30 | K=40 |
| 1 | 0.7901886746198 | 0.7834060471263 | 0.7758956348997 | 0.7706688444610 |
| 2 | 0.7752585799758 | 0.7685868441735 | 0.7603405167156 | 0.7550925297207 |
| 3 | 0.7660402191157 | 0.7611627319875 | 0.7549363411397 | 0.7528205336089 |
| 4 | 0.7735104885690 | 0.7686867957969 | 0.7626948732145 | 0.7595077826261 |
| 5 | 0.7777421083064 | 0.7715358298339 | 0.7643593168820 | 0.7612224165709 |
| Average | 0.7765480141174 | 0.7706756497836 | 0.7636453365703 | 0.7598624213975 |

Recording-

<https://drive.google.com/file/d/14hGs8TDJr1elEDyFJ17sXx-rRLrFXEdX/view?usp=sharing>