

Laporan Observasi Fuzzy Logic

1. Parameter

- Follower Count
- Engagement Rate

2. Batas – Batas Fungsi Keanggotaan Input

Highest Follower Count : 95117
Highest Engagement Rate : 9.4
Mid Follower Count : 46795
Mid Engagement Rate : 4.65
Lowest Follower Count : 1526
Lowest Engagement Rate : 0.1

3. Parameter

- Accept
- Acceptable
- Reject

Dari semuanya yang bisa menjadi kandidat terpilih adalah Accept dan Acceptable

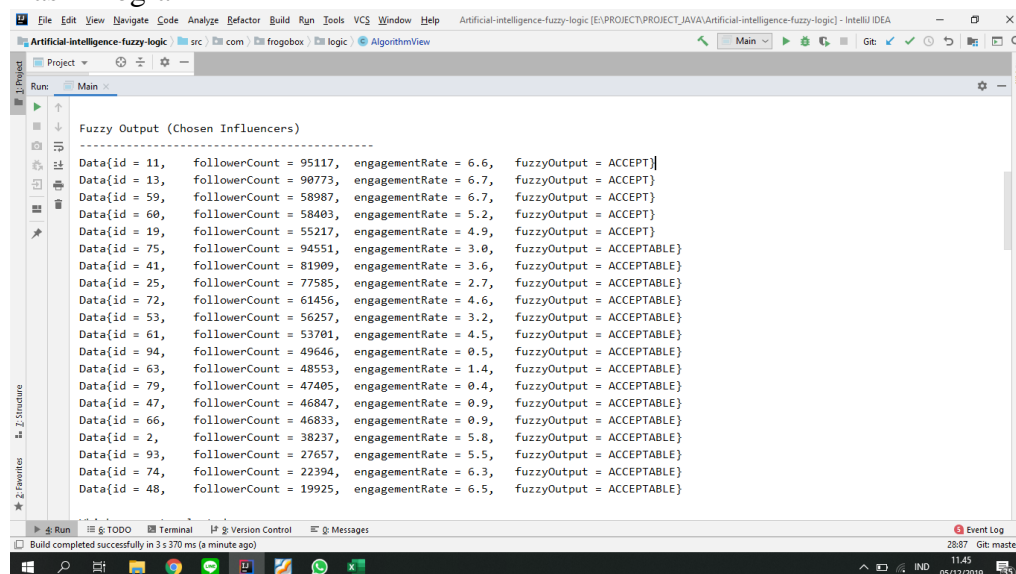
4. Fuzzy Logic

- LogicFollower = Cek Accept Follower Count (Jika FollowerCount lebih besar 46795 dan FollowerCount kurang dari sama dengan 95117)
- LogicEngagement = Cek Accept Engagement Rate (Jika Engagement lebih besar 4,65 dan Engagement kurang dari sama dengan 9,4)
- LogicAccept = LogicFollower dan LogicEngagement
- LogicAcceptable = LogicFollower atau LogicEngagement
- Sisanya Reject

5. Proses - proses yang dibangun

- Ada dalam source code
- Output CSV dalam folder result di dalam project source code

6. Hasil Program



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Run: Main
Fuzzy Output (Chosen Influencers)
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Data(id = 11, followerCount = 95117, engagementRate = 6.6, fuzzyOutput = ACCEPT}
Data(id = 13, followerCount = 90773, engagementRate = 6.7, fuzzyOutput = ACCEPT}
Data(id = 59, followerCount = 58987, engagementRate = 6.7, fuzzyOutput = ACCEPT}
Data(id = 60, followerCount = 58403, engagementRate = 5.2, fuzzyOutput = ACCEPT}
Data(id = 19, followerCount = 55217, engagementRate = 4.9, fuzzyOutput = ACCEPT}
Data(id = 75, followerCount = 94551, engagementRate = 3.0, fuzzyOutput = ACCEPTABLE}
Data(id = 41, followerCount = 81909, engagementRate = 3.6, fuzzyOutput = ACCEPTABLE}
Data(id = 25, followerCount = 77585, engagementRate = 2.7, fuzzyOutput = ACCEPTABLE}
Data(id = 72, followerCount = 61456, engagementRate = 4.6, fuzzyOutput = ACCEPTABLE}
Data(id = 53, followerCount = 56257, engagementRate = 3.2, fuzzyOutput = ACCEPTABLE}
Data(id = 61, followerCount = 53701, engagementRate = 4.5, fuzzyOutput = ACCEPTABLE}
Data(id = 94, followerCount = 49646, engagementRate = 0.5, fuzzyOutput = ACCEPTABLE}
Data(id = 63, followerCount = 48553, engagementRate = 1.4, fuzzyOutput = ACCEPTABLE}
Data(id = 79, followerCount = 47405, engagementRate = 0.4, fuzzyOutput = ACCEPTABLE}
Data(id = 47, followerCount = 46847, engagementRate = 0.9, fuzzyOutput = ACCEPTABLE}
Data(id = 66, followerCount = 46833, engagementRate = 0.9, fuzzyOutput = ACCEPTABLE}
Data(id = 2, followerCount = 38237, engagementRate = 5.8, fuzzyOutput = ACCEPTABLE}
Data(id = 93, followerCount = 27657, engagementRate = 5.5, fuzzyOutput = ACCEPTABLE}
Data(id = 74, followerCount = 22394, engagementRate = 6.3, fuzzyOutput = ACCEPTABLE}
Data(id = 48, followerCount = 19925, engagementRate = 6.5, fuzzyOutput = ACCEPTABLE}
```