**Judul topik** : Analisis Popularitas Acara TV berdasarkan Daerah Penonton

**Deskripsi** : Sistem ini dapat menentukan popularitas acara TV berdasarkan kemunculannya sebagai konten media sosial. Semakin sering sebuah acara TV diperbincangkan di media sosial, maka acara tersebut semakin popular. Data diambil dari media sosial Twitter dengan parameter hashtag dan kata kunci akun Twitter official. Dari data yang didapatkan akan diambil lokasi pengguna dan review (+/-). Data kemudian dibagi per lokasi user untuk mengetahui persebaran popularitas.

**Contoh input** :

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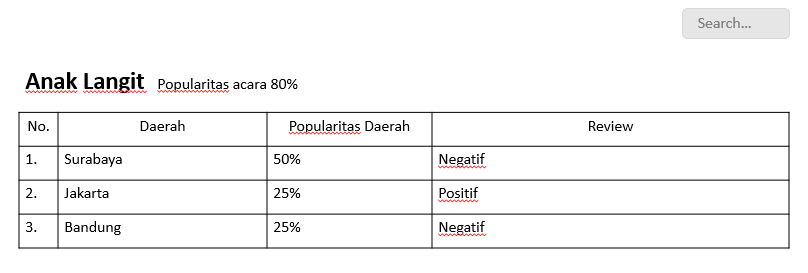
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P.S. Kami hanya menyertakan 5 contoh karena data yang didapatkan langsung dari API Tweeter yang sekaligus menjadi input program kami sangat panjang. Contoh sudah kami buat serepresentatif mungkin sehingga dapat menggambarkan studi kasus dengan jelas.

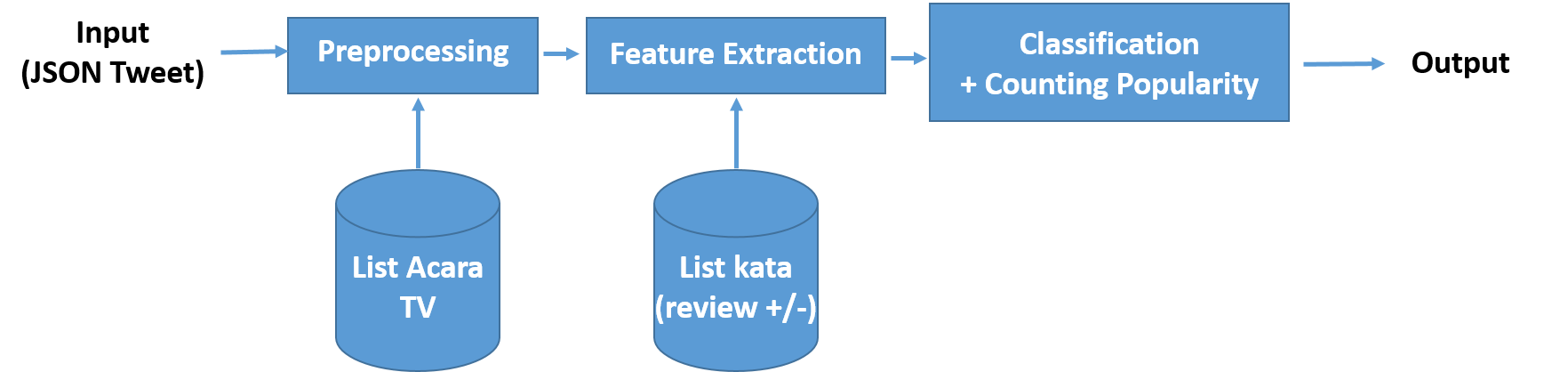
**Contoh output** :



**Gambar 1 Output**

Output yang dihasilkan berupa distribusi rating dari semua acara TV berdasarkan daerahnya beserta review yang ditampilkan dalam bentuk tabel.

**Rancangan arsitektur sistem**



**Gambar 2 Arsitektur Sistem NLP**

**Anggota tim dan pembagian tugas**

1. 13514023 : Crawl input dan Classification
2. 13514045 : Crawl input dan Classification
3. 13514053 : Preprocessing dan Feature Extraction