DATA SOURCES

The **3cixty Knowledge Base**, a city curated data marketplace. It contains 30K events, 230K places, 100K reviews, 10K transportation facilities within the city of Milan.

**20 data sources:**
- Local (E015)
- Specialized (Expo)
- Global (such as Google Places, Facebook)

**Variety**

**Authority**

**Velocity**

A city is decomposed into **cells**

**Instances** are described following the **3cixty data model**

Places and events are **deduplicated**

\[
f_p = \sum (\alpha_p \ast label_p, \beta_p \ast geo_p, \gamma_p \ast address_p) \\

f_e = \sum (\alpha_e \ast label_e, \beta_e \ast geo_e, \gamma_e \ast time_e)
\]

From a manually created Gold Standard of 100 randomly sampled events and 100 randomly sampled places, we perform with an accuracy of **99.6%** and **90.24%** respectively.