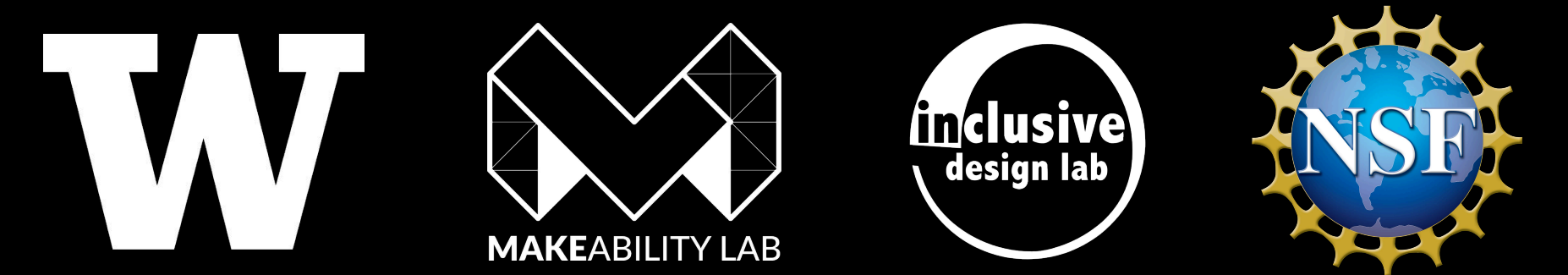


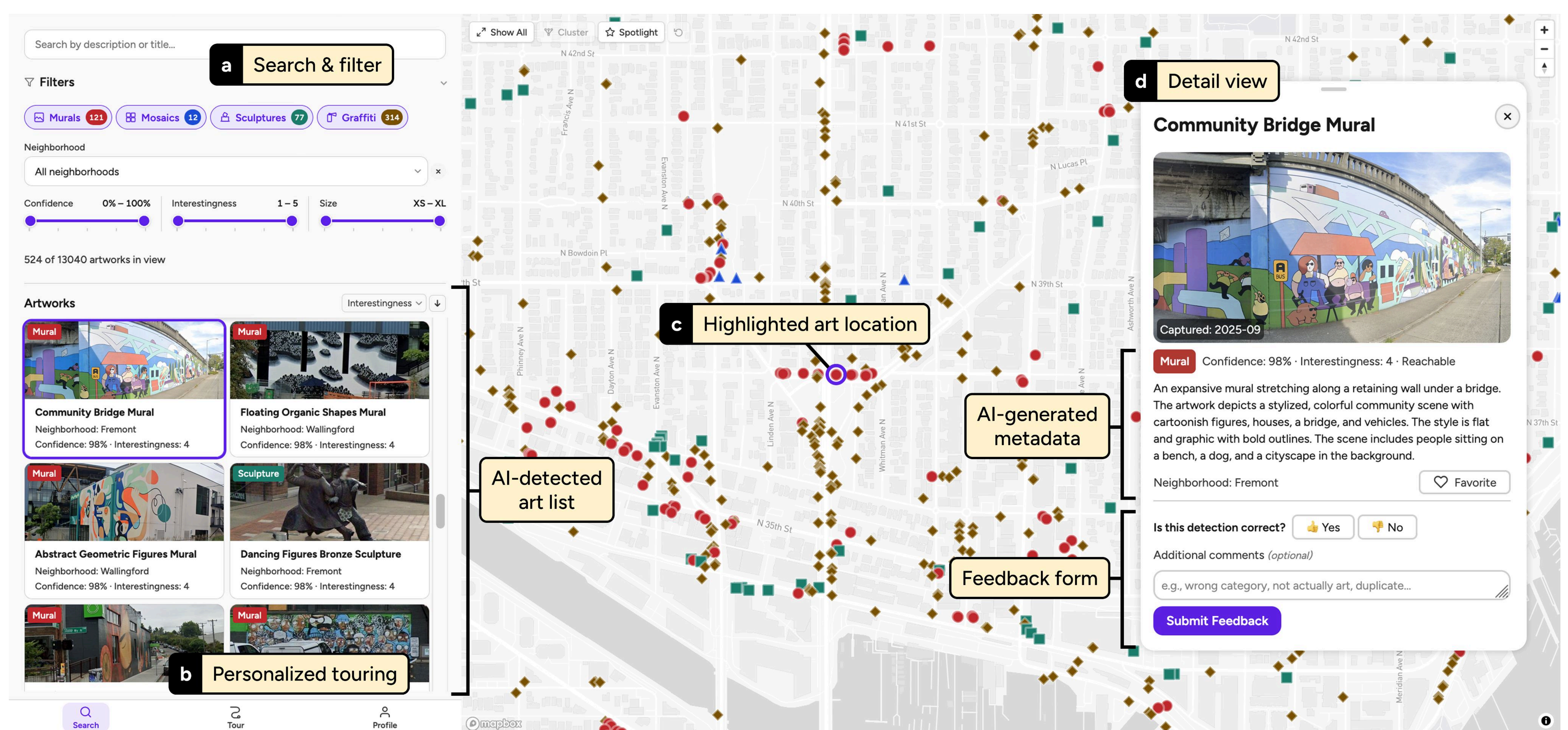
Expanding Access to Urban Art at Scale: A Demo of *ArtScape*

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Introduction & The ArtScape System

Public art fundamentally shapes urban environments, but much of it remains inaccessible to blind and low vision (BLV) people. We introduce *ArtScape*, the first automated, large-scale urban artwork exploration tool for detecting and describing urban artwork.

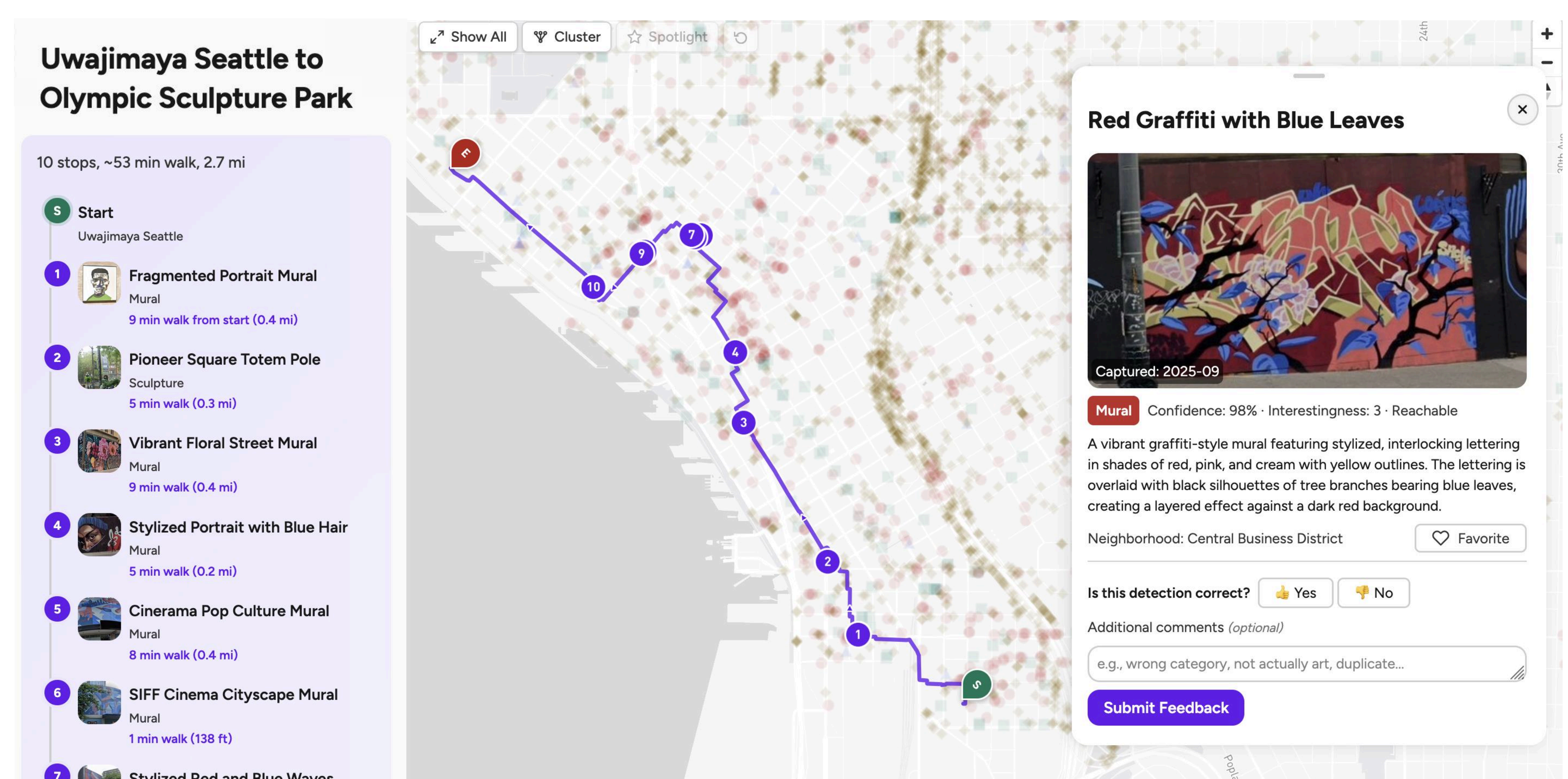


We developed a **five-stage pipeline** using Gemini 3 Pro to sample and find artwork in Google Street View panoramas. Our **interactive interface** allows users to search artworks, generate tours, and access more detailed information for each piece.

User Study Method & Findings

ArtScape also generates personalized tours.

- 12 participants, including **3 BLV people**
- ArtScape improved urban artwork accessibility from **1 to 5** (of 5)
- AI-generated categorizations helped users identify **tactile urban artwork**
- Additional context could provide avenues for **greater environmental understanding**



We'd love to connect!

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