



Labeled Synthetic Data

20k **I** (Structured3D)
90k **O** (DAP-2M-labeled)



DAP-2M-Unlabeled 1900k

Stage-1 Labeling

Stage-1 Training

Scene-Invariant
Labeler



Scene-Invariant
Labeler



Filtered 600k
300k **I** + 300k **O**

Discriminator



Stage-2 Training

Realism-Invariant
Labeler



Realism-Invariant
Labeler



Pseudo-Labeled 1900k
400k **I** + 1500k **O**

Stage-3 Training

DAP



I : Indoor Data

O : Outdoor Data

DAP: Depth Any Panoramas Model

DAP-2M = DAP-2M-Unlabeled (1900k)+DAP-2M-Labeled (90k)