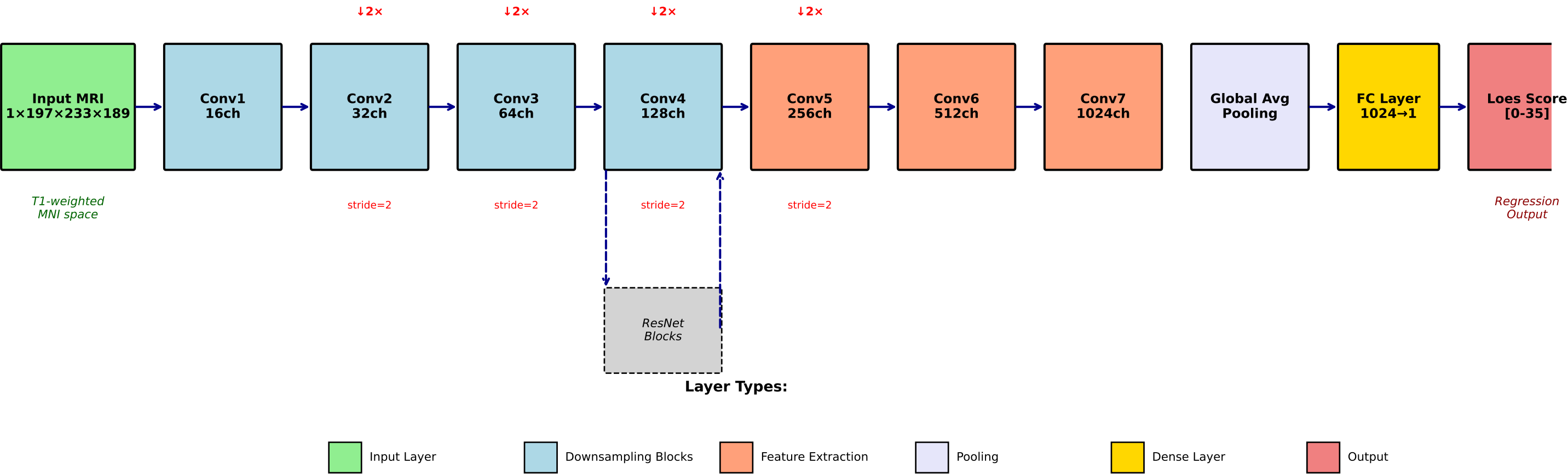


Loes Scoring ResNet Architecture (MONAI Regressor)

3D Brain MRI → Loes Score (0-35)



Key Architecture Features:

- 3D Convolutions throughout • Progressive downsampling (strides=2) • 7 convolutional stages
- Channel progression: 16→32→64→128→256→512→1024 • Global average pooling → Dense layer → Single output

Input: T1-weighted MPRAGE MRI (197×233×189 voxels) | Output: Continuous Loes score (0-35)