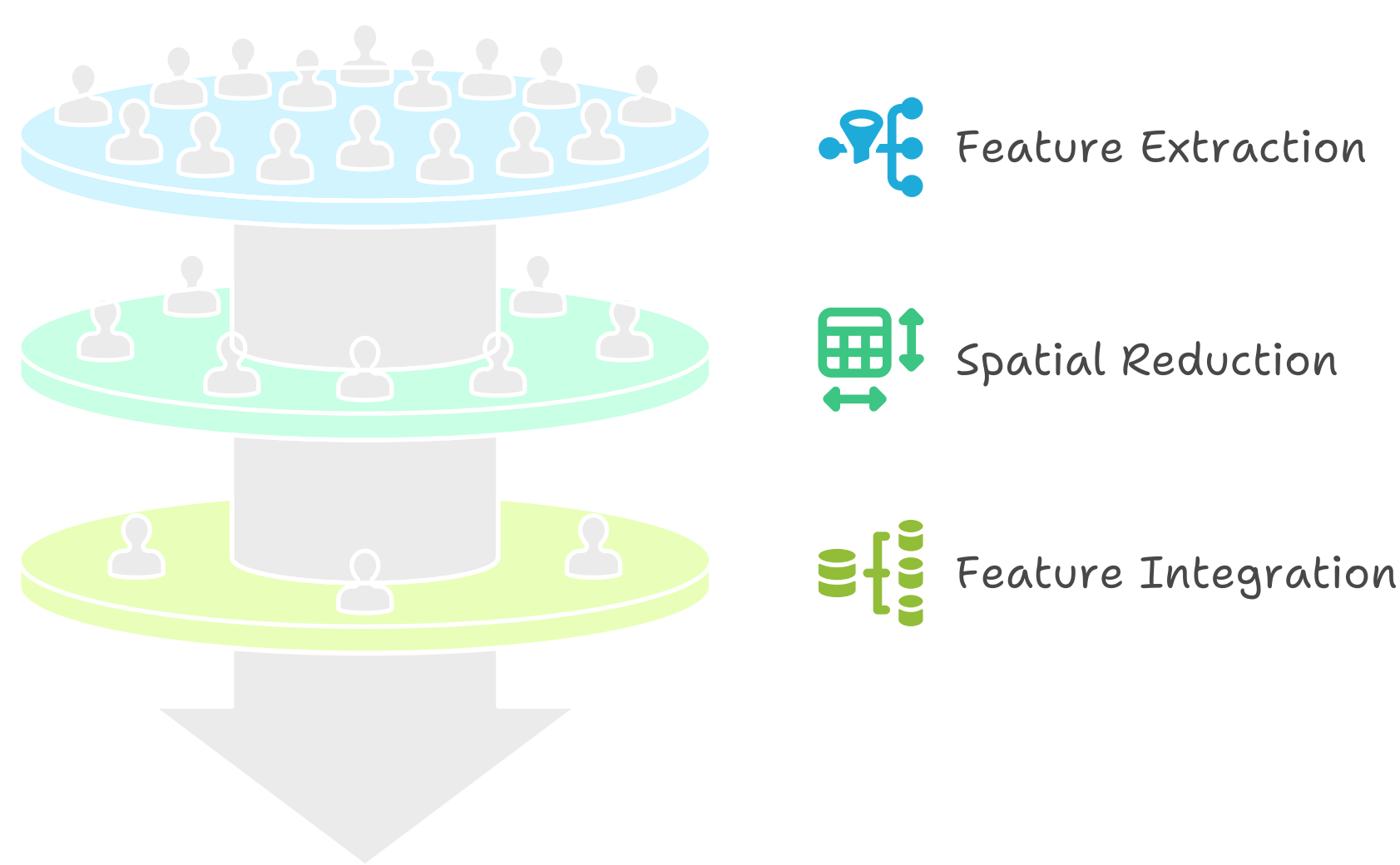




# Introduction to Convolution Neural Networks

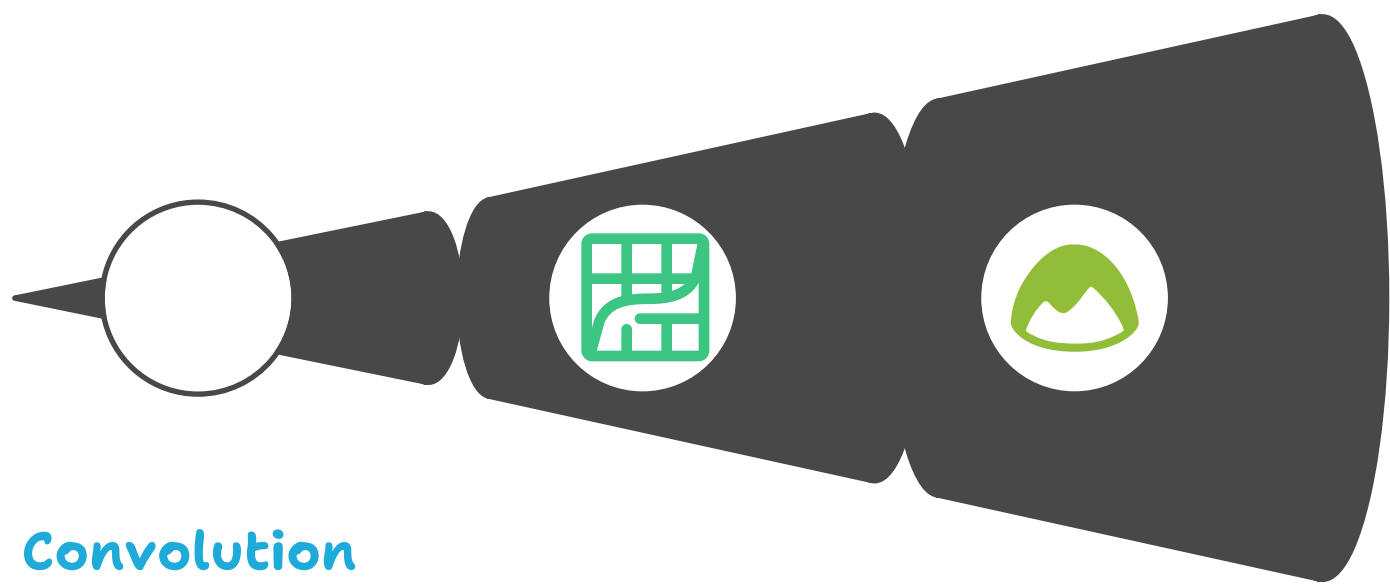
Introduction:  
Structure of CNN

## CNN Data Processing Funnel



Convolution Layers:

# Feature Extraction in CNNs



## Convolution Operation

Applying filters to detect patterns

## Feature Map Generation

Creating maps that highlight detected features

## Complex Feature Capture

Stacking layers to capture intricate patterns