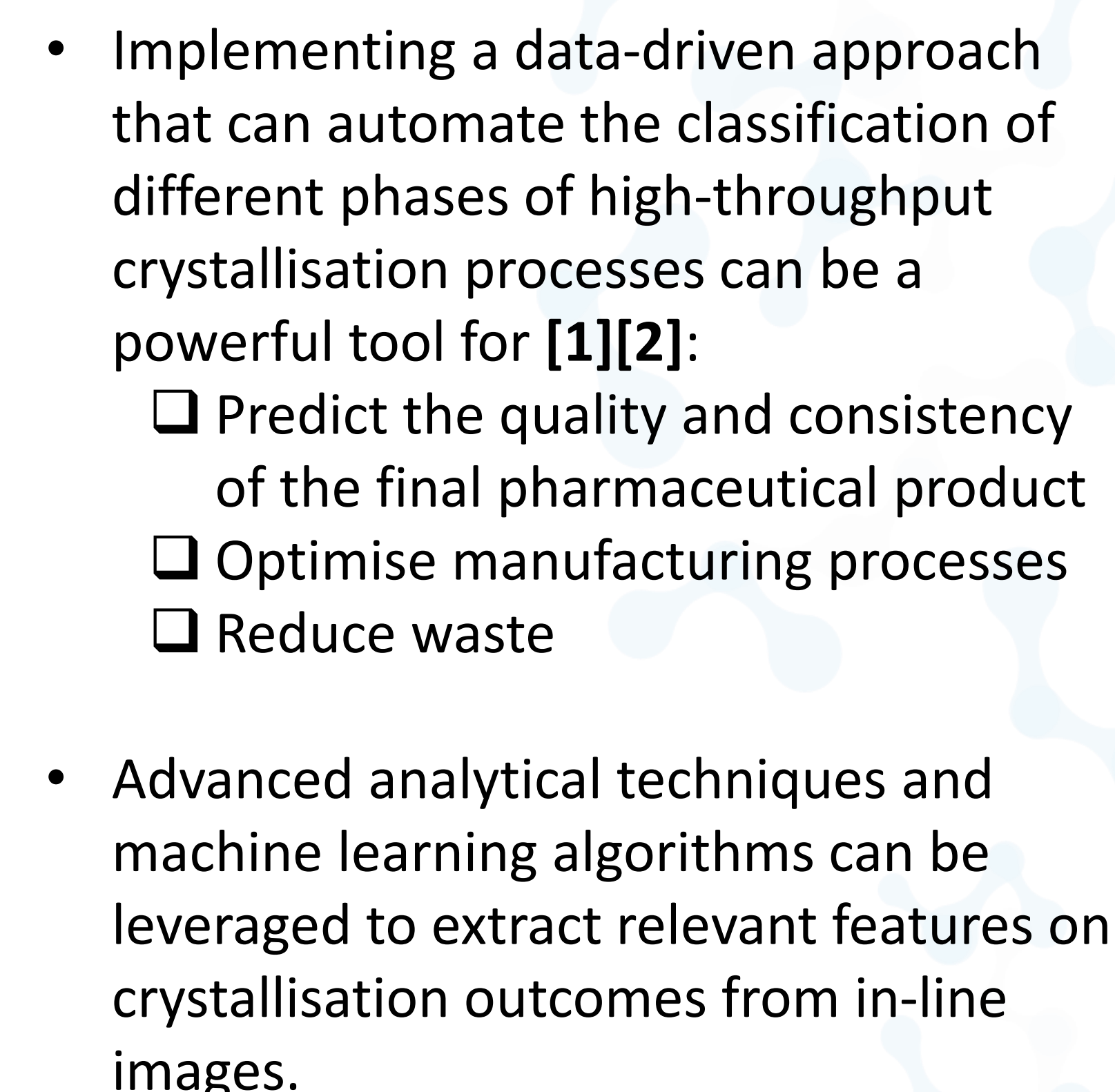
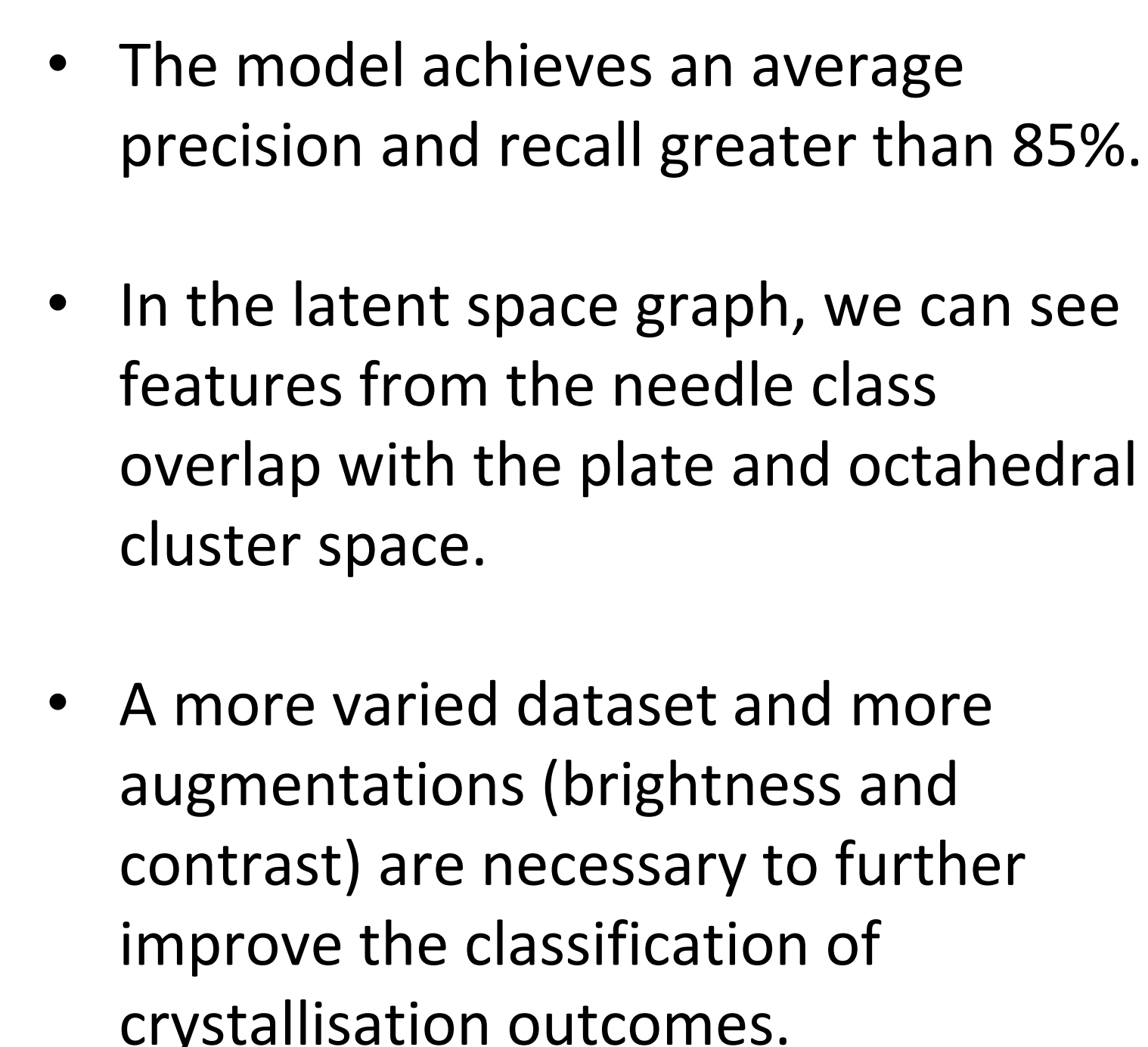


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The diagram illustrates the architecture of the Deep Learning Model. It starts with **Input Images**, which are processed by a **Resnet18 Feature Extractor** (represented by blue blocks). The extracted features are then passed through a **Linear Classifier** (represented by a neural network diagram). The final output is a classification result, shown as a 2x2 grid of images with labels: **Plate**, **Needle**, **No Crystal**, and **Octahedral**.



[2] Silva, A. F. T. et al. Particle sizing measurements in pharmaceutical applications: Comparison of in-process methods versus off-line methods. Eur J Pharm Biopharm 85, 1006–1018 (2013).

