

Table 1

Dimensions of the categorical and numerical features

Variable	Number of features
Input variable 1 - numeric meta features	23
Input variable 2 - numeric weather features	200
Input variable 3 - numeric EC features	136
Input variable 4 - numeric soil features	16
Input variable 5 - numeric hybrid features	10
Input variable 6 - categorical meta features	16
Input variable 7 - categorical soil features	765

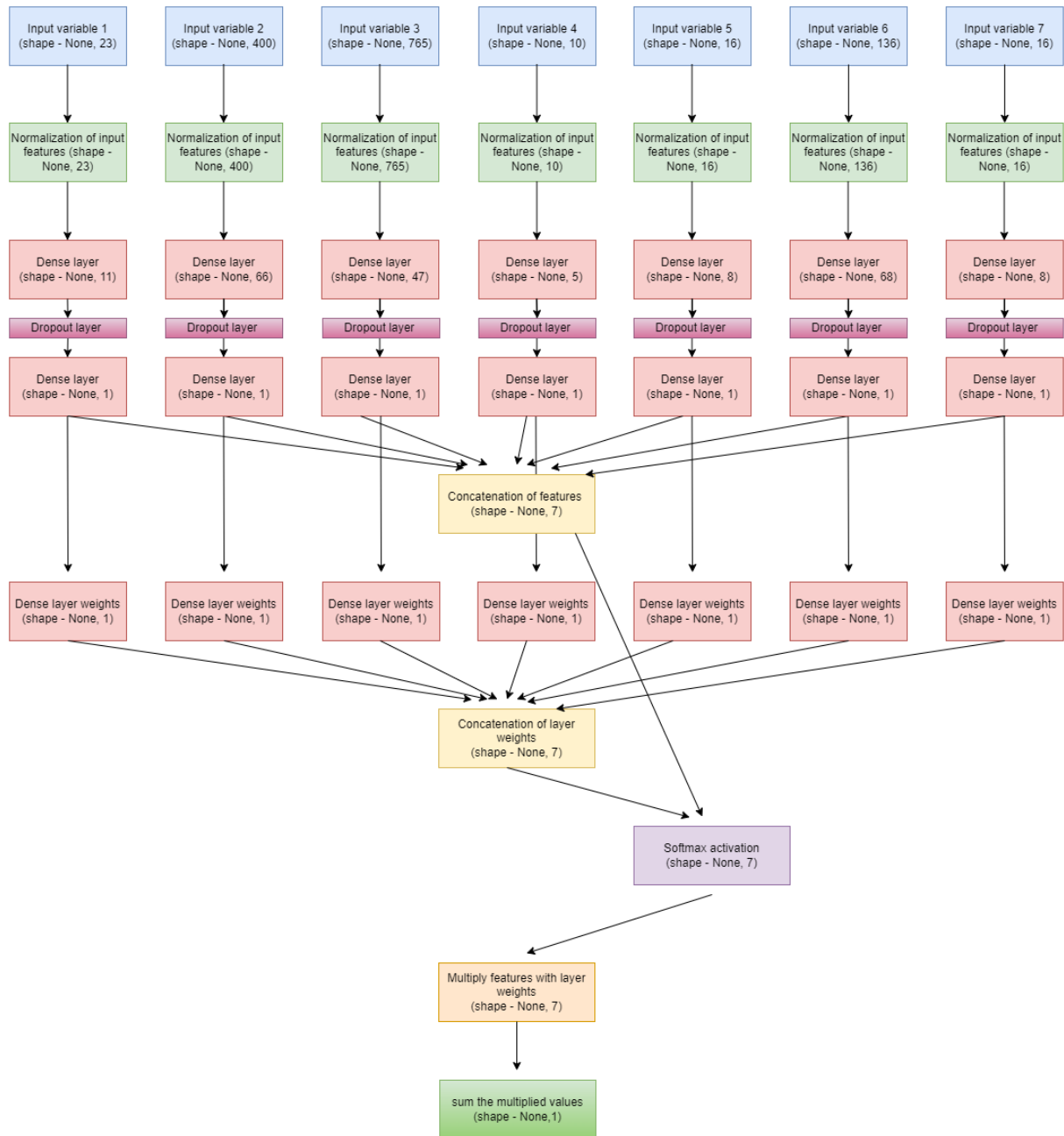


Figure 1 - The neural network model architecture used