$Y(\mathbf{x})$ \rightarrow Local Estimation \mathcal{T} $\varphi(\mathbf{x})$ $G_{\theta}(\cdot)$ Data processing pipeline: we first perform an initial and simple estimation on $Y(\mathbf{x})$, generating the initial estimate $\tilde{\varphi}(\mathbf{x})$; then, we use a neural network to refine it, producing the final estimate $\hat{\varphi}(\mathbf{x})$.