The current presentation attempt to explain some interplays between differential inequalities and the geometry structure of the background manifold. To this end, two models are considered: $p$-Laplacian inequality and fractional Laplacian inequality. While different ingredients are employed for these two models, the first one is based on a perturbation argument of the fundamental solution to $p$-Laplace equation, the second one is relied on an extension method developed recently by Caffarelli and Silvestre.