In this talk I will introduce orbifold equivalence, an equivalence relation between polynomials satisfying certain conditions which describe Landau-Ginzburg models ("potentials"). We will review how it relates the potentials associated to simple, (exceptional) unimodal and bimodal singularities, reproducing classical results like strange duality from the classification of singularities from Arnold. In addition, we will see that most of these equivalences are controlled by Galois groups. This is joint work with N. Carqueville, I. Runkel, R. Newton et al.