

Summary of Normalized Data

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
|------------------|-----------------|------|--------------|-----------|------------|------------|
| Order | Order | 2630 | 8.645387E-17 | 1.0000000 | -1.7272892 | 1.7458912 |
| Lot_Frontage | Lot_Frontage | 2630 | -8.5103E-17 | 1.0000000 | -2.3476992 | 11.7756086 |
| Lot_Area | Lot_Area | 2630 | -1.35084E-17 | 1.0000000 | -1.1167209 | 25.6901093 |
| Overall_Qual | Overall_Qual | 2630 | -2.91782E-16 | 1.0000000 | -3.0831551 | 2.8178349 |
| Overall_Cond | Overall_Cond | 2630 | -2.25591E-16 | 1.0000000 | -4.3317797 | 3.2348990 |
| Year_Built | Year_Built | 2630 | 9.13169E-16 | 1.0000000 | -3.2589886 | 1.2641680 |
| Year_Remod_Add | Year_Remod_Add | 2630 | -2.97185E-16 | 1.0000000 | -1.7078221 | 1.2200638 |
| Mas_Vnr_Area | Mas_Vnr_Area | 2630 | 5.106182E-16 | 1.0000000 | -0.5954386 | 8.2116116 |
| BsmtFin_SF_1 | BsmtFin_SF_1 | 2630 | 1.837145E-16 | 1.0000000 | -1.0318846 | 4.1671049 |
| BsmtFin_SF_2 | BsmtFin_SF_2 | 2630 | -1.48593E-16 | 1.0000000 | -0.2962921 | 8.5446481 |
| Bsmt_Unf_SF | Bsmt_Unf_SF | 2630 | 1.2833E-16 | 1.0000000 | -1.2759424 | 4.0137261 |
| Total_Bsmt_SF | Total_Bsmt_SF | 2630 | -1.51294E-16 | 1.0000000 | -2.5651613 | 5.1298280 |
| _2nd_Flr_SF | _2nd_Flr_SF | 2630 | 3.282545E-16 | 1.0000000 | -0.7839545 | 4.0294150 |
| Low_Qual_Fin_SF | Low_Qual_Fin_SF | 2630 | -8.10505E-17 | 1.0000000 | -0.0736509 | 28.9707072 |
| Gr_Liv_Area | Gr_Liv_Area | 2630 | 1.49268E-16 | 1.0000000 | -2.2894671 | 6.1721004 |
| Bsmt_Full_Bath | Bsmt_Full_Bath | 2630 | -9.64501E-16 | 1.0000000 | -0.8482613 | 3.0114743 |
| Bsmt_Half_Bath | Bsmt_Half_Bath | 2630 | 3.593239E-16 | 1.0000000 | -0.2553911 | 7.8861682 |
| Full_Bath | Full_Bath | 2630 | 1.702061E-16 | 1.0000000 | -2.8897007 | 4.4302250 |
| Half_Bath | Half_Bath | 2630 | 3.012377E-16 | 1.0000000 | -0.7749814 | 3.2214914 |
| Bedroom_AbvGr | Bedroom_AbvGr | 2630 | 1.296808E-16 | 1.0000000 | -3.6438220 | 4.0084952 |
| Kitchen_AbvGr | Kitchen_AbvGr | 2630 | -5.99774E-16 | 1.0000000 | -5.5879941 | 10.6272591 |
| Garage_Cars | Garage_Cars | 2630 | -2.97185E-17 | 1.0000000 | -1.3379367 | 4.8137652 |
| Wood_Deck_SF | Wood_Deck_SF | 2630 | 2.421384E-16 | 1.0000000 | -0.7629586 | 10.3484735 |
| Open_Porch_SF | Open_Porch_SF | 2630 | 2.88067E-16 | 1.0000000 | -0.7381113 | 8.0389891 |
| Enclosed_Porch | Enclosed_Porch | 2630 | -6.88929E-16 | 1.0000000 | -0.3393640 | 15.8294364 |
| _3Ssn_Porch | _3Ssn_Porch | 2630 | 1.404875E-16 | 1.0000000 | -0.1020378 | 20.2634562 |
| Screen_Porch | Screen_Porch | 2630 | 1.722323E-17 | 1.0000000 | -0.2967753 | 9.6974226 |
| Pool_Area | Pool_Area | 2630 | -1.4427E-15 | 1.0000000 | -0.0636609 | 21.9193494 |
| Misc_Val | Misc_Val | 2630 | -8.13882E-17 | 1.0000000 | -0.0903528 | 33.4396187 |
| Mo_Sold | Mo_Sold | 2630 | -1.03745E-15 | 1.0000000 | -1.9292105 | 2.1479361 |
| Yr_Sold | Yr_Sold | 2630 | 1.729077E-16 | 1.0000000 | -1.3623541 | 1.6805259 |
| LotShape_new | | 2630 | -1.70206E-16 | 1.0000000 | -4.5300933 | 0.7191997 |
| ExterQual_new | | 2630 | -4.21463E-16 | 1.0000000 | -2.4676747 | 2.7451643 |
| ExterCond_new | | 2630 | -6.0619E-17 | 1.0000000 | -3.0632832 | 5.3201037 |
| BsmtQual_new | | 2630 | 4.538828E-16 | 1.0000000 | -3.2607439 | 1.8606395 |
| BsmtExposure_new | | 2630 | -2.97185E-16 | 1.0000000 | -1.5365269 | 2.1931139 |
| BsmtFinType1_new | | 2630 | -2.32345E-16 | 1.0000000 | -1.7415672 | 1.1301079 |
| HeatingQC_new | | 2630 | 4.052525E-16 | 1.0000000 | -2.3303795 | 0.8650835 |
| KitchenQual_new | | 2630 | -2.64765E-16 | 1.0000000 | -2.3587101 | 2.2386769 |
| FireplaceQu_new | | 2630 | 3.606747E-16 | 1.0000000 | -1.0324638 | 1.7388975 |
| GarageFinish_new | | 2630 | -4.75496E-16 | 1.0000000 | -1.0022472 | 1.4440731 |