Correlation Matrix of SP500 Features (Fixed Color Scale) ┌ 1.00 1.0000 0.1965 -0.3578 0.6846 0.3934 0.4917 0.2698 0.1019 -0.3332 relative_humidity --0.1100 - 0.75 precipitation (mm) -0.1965 1.0000 -0.2584 0.2497 0.3767 0.2573 0.1973 0.0767 0.0736 -0.0881 -0.4693 -0.4727 -0.4515 pressure_msl (hPa) --0.3578 -0.2584 1.0000 -0.0856 0.0282 - 0.50 cloud_cover_low (%) -1.0000 0.4975 0.5220 0.6846 0.2497 0.2636 -0.0573 -0.0494 - 0.25 cloud_cover_mid (%) -0.3934 0.3767 -0.4693 0.4975 0.3625 0.1516 1.0000 0.4843 0.0848 -0.0587 - 0.00 cloud_cover_high (%) -0.4917 0.2573 -0.4727 0.4843 1.0000 0.3714 0.1468 -0.0191 -0.0616 - -0.25 wind_speed_10m (km/h) -0.2698 0.1973 0.5220 0.3625 0.3714 1.0000 0.2554 -0.0802 0.1766 wind_direction -0.1019 0.0767 -0.4515 0.2636 0.1516 0.1468 0.2554 1.0000 0.0527 -0.0614 - -0.50 -0.3332 is_Day -0.0736 -0.0856 -0.0573 0.0848 -0.0191 0.1766 0.0527 1.0000 0.0025 - **–**0.75 temperature_diff_24h --0.1100 -0.0881 0.0282 -0.0494 -0.0587 -0.0616 -0.0802 -0.0614 0.0025 1.0000 is_Day precipitation (mm) wind_direction relative_humidity