\*\*

\* Custom function to get latitude from a UK postcode using postcodes.io

\* @param {string} postcode - The postcode to geocode

\* @return {number} Latitude

\* @customfunction

\*/

function GET\_LATITUDE(postcode) {

if (postcode == '') return '';

postcode = postcode.replace(/\s/g, ""); // Remove spaces from postcode

// Construct the API URL

const url = `https://api.postcodes.io/postcodes/${encodeURIComponent(postcode)}`;

try {

const response = UrlFetchApp.fetch(url);

const json = JSON.parse(response.getContentText());

if (json.status === 200) {

return json.result.latitude;

} else {

return 'Error';

}

} catch (error) {

return 'Error';

}

}

/\*\*

\* Custom function to get longitude from a UK postcode using postcodes.io

\* @param {string} postcode - The postcode to geocode

\* @return {number} Longitude

\* @customfunction

\*/

function GET\_LONGITUDE(postcode) {

if (postcode == '') return '';

postcode = postcode.replace(/\s/g, ""); // Remove spaces from postcode

// Construct the API URL

const url = `https://api.postcodes.io/postcodes/${encodeURIComponent(postcode)}`;

try {

const response = UrlFetchApp.fetch(url);

const json = JSON.parse(response.getContentText());

if (json.status === 200) {

return json.result.longitude;

} else {

return 'Error';

}

} catch (error) {

return 'Error';

}

}