# Postcode Distance Configuration



Ensure the the General Setting 'Postcode Distance Multiplier' is a value greater than zero. Suggest starting with 1.

## Data Source

The postcode location data will be kept up to date by the Static Data Download facility of IQXHub. Ensure that you have a hub configured to do this.

## Column in Vacancy Search Results

In the VACANCY SEARCHRESULT view, add a custom column of Data Type 'Number' with Descriptor

```
round(DistanceBetweenPostCodes(Person.PostCode,:Q_SitePostCodeForMap,'Mi'),1
)
```

## Column in Shift Matcher

Set the Database Function: Vacancy Shift Matcher Numeric Custom Column to

```
( in @PersonID char(20),in @VacancyID char(20) )
returns double
begin
  declare rv double;
  set rv = DistanceBetweenPostCodes(
    (select Person.PostCode from Person where Person.PersonID = @PersonID),
    (select isnull(vacancy.postcode,company.postcode) from Vacancy key join
Employment key join Company where Vacancy.VacancyID = @VacancyID),'Mi');
  if rv < 1 then
    return round(rv,1)
  else
    return round(rv,0)
  end if
end
```

Set the General Setting 'Caption for Shift Matcher Custom Column' to 'Distance'.

## Searchable Criteria

This SQL will add 'Radius from Postcode' to candidate searchable criteria, and 'Radius from Vacancy' to vacancy requirements searchable criteria.

```
insert into
dictionary(minstep,dictionaryid,dictionarylocation,ItemType,databaseItem,Com
boSelections,Description,SortOrder,Units,ComplexExpression) values(
1,'PRD','P','S','Not Used','','Radius from
Postcode',310,'Miles','DistanceBetweenPostCodes(Person.PostCode,''<SVALUE>''
,''Miles'') between <N1> and <N2>');

insert into
dictionary(minstep,dictionaryid,dictionarylocation,ItemType,databaseItem,Com
boSelections,Description,SortOrder,Units,ComplexExpression) values(
1,'PRR','P','B','Not Used','','Radius from
Vacancy',300,'Miles','DistanceBetweenPostCodes(Person.PostCode,(select
isnull(Vacancy.PostCode,Company.PostCode) from Vacancy key join Employment
key join Company where Vacancy.VacancyID = <XID>),''Mi'') between <N1> and
<N2>');
```

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