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 & company searchable criteria, 'Radius from Vacancy' to vacancy requirements, 'Radius from Person' to vacancy 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>');

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

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

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Last update: **2020/10/05 14:17**