

SAMIEEE

Ralph Sprang, Region
SAMIEE Coordinator

21/04/2013 Morgantown WV
Region 2 Meeting

What is SAMIEEE?

- IEEE Website description:
(<http://www.ieee.org/about/volunteers/samieee/index.html>)
 - “**SAMIEEE** is a Web-based ad hoc query tool that provides volunteers access to member data.”
- It's a database tool to extract reports based on member information such as group membership, membership grade, and technical interests
- Recently SAMIEEE was upgraded to Oracle Business Intelligence Enterprise Edition (OBIEE)
- OBIEE is *supposed* to be more “user friendly”
- Still accessed via SAMIEEE page <http://www.ieee.org/samieee>

Why do we have a SAMIEEE Coordinator?

- SAMIEEE (OBIEE) is challenging to use
 - Query structure is non-intuitive and difficult to use
 - Steep learning curve
- Access is limited, due to privacy concerns
 - Section chairs should have access to data on their section, but not other sections or regions
 - SAMIEEE coordinator has broader access and can create reports the section will not have access to create

How do I Get SAMIEEE Results

- Email the SAMIEE coordinator with what you need:
 - Search criteria, as specific as possible
 - Reason for the request
- SAMIEE coordinator will perform the search and email you a spreadsheet with the results.

SAMIEEE Example

- Jeff Friedhoffer will explain how the Baltimore Section used SAMIEEE to support a K-12 initiative.




Targeted support K-12

- IEEE Support to K-12
- Schools ask for Engineers to help as mentors for technology classes, and to judge various science/engineers fairs
- The Baltimore section in conjunction with sister Engineering societies in Baltimore have contacted members based on ZIP codes that are close to the schools making the requests. We have had very good response to these requests.
- The request states up front that they are being contacted due to living or working near the school

Selection Criteria

- ZIP codes in SAMIEEE are 5 + 4. Selection has to be made and convert to SQL cl

New Filter

Column	Primary Address Postal Code 
Operator	begins with 
Value	12345 

Protect Filter

Convert this filter to SQL

Advanced SQL Filter

This page allows you to enter a custom where clause using SQL syntax. (e.g. Sales Facts.Dollars < 100) After entering the SQL, press **OK**.

```
"- Primary Address"."Primary Address Postal Code" LIKE '12345%'
```

SQL Code example

- Modify SQL as below
- "- Primary Address"."Primary Address Postal Code" LIKE '20833%' OR "Primary Address Postal Code" LIKE '21042%' OR "Primary Address Postal Code" LIKE '21036%'
- OR
- "- Home Address"."Home Address Postal Code" LIKE '20833%' OR "Home Address Postal Code" LIKE '21042%' OR "Home Address Postal Code" LIKE '21036%'
- OR
- "- Work Address"."Work Address Postal Code" LIKE '20833%' OR "Work Address Postal Code" LIKE '21042%' OR "Work Address Postal Code" LIKE '21036%'

Example Selected Columns and filters

Selected Columns

Double click on column names in the Subject Areas pane to add them to the analysis. Once added, drag-and-drop columns to reorder them. Edit a column's properties, formula and filters, apply sorting, or delete by clicking or hovering over the button next to its name.

Primary Address	Home Address	Work Address	Contact Flags	Phones and Emails
Primary Address Postal Code	Home Address Postal Code	Work Address Postal Code	Send E-Mail Flag	Email Address

Filters

Add filters to the analysis criteria by clicking on Filter option for the specific column in the Selected Columns pane, or by clicking on the filter button in the Filter pane header. Add a saved filter by clicking on add button after selecting its name in the catalog pane.

Send E-Mail Flag is equal to / is in Y

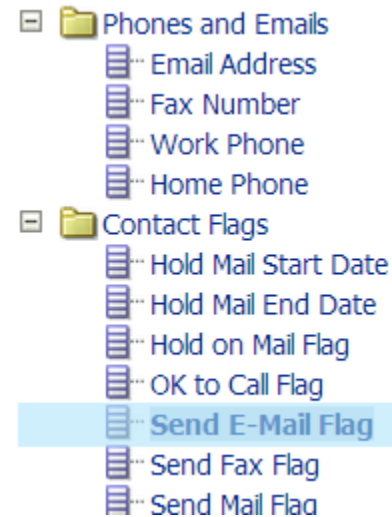
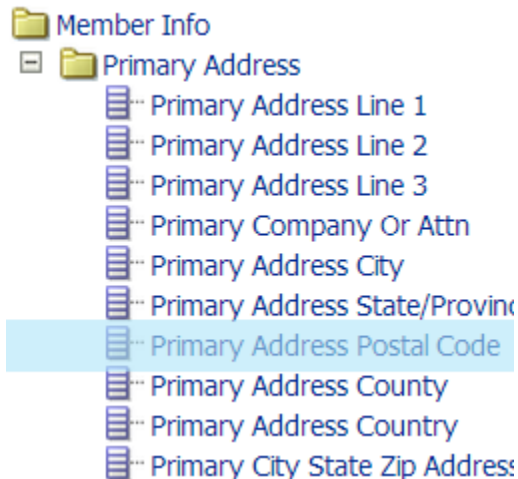
AND "- Primary Address"."Primary Address Postal Code" LIKE '12345%'

OR Home Address Postal Code begins with 12345

OR Work Address Postal Code begins with 12345

- Download results into a spread sheet, select email address and paste into the **bcc:** address line

Field Selection



- Select Primary, Home and Work ZIP/Postal codes
- Select Send E-Mail Flag for Y, note that case is important, capital Y.