**Project Proposal: Staffing Dictionary**

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**Background and Goals**

Python dictionaries are used as a way to map keys to values; and is also a method to retrieve values when the key is known. Keys and values take on an x, y form, by which 'x' is the key and is typically immutable and 'y' is the value and is mutable. I can see the usefulness of dictionaries when searching a dataset that has specific job requirements that include specific values. This would help identify if certain key words are in a collection of key:value items. For this project I will create a basic dictionary in python that can be used by the staffing industry to retrieve staffing values in a dataset that includes resume information.

**Importance**

This topic is important for professionals in the staffing business. If staffing professionals can build small scripts to scrape data or analyze key terms, it can make job placements and recruiting easier.

**Objectives**

* Map keys to staffing values with proper python syntax.
* Avoid spacing and other command line errors.
* Execute a basic print(mydict) command that retrieves the correct data.

**Challenges**

A challenge that I might encounter is with python syntax.

**Project Plan**

I will use a key:value format to build my dictionary and run a print function.

**Logic**

Here is the logic I will use:

thisdict = {

  "key": ["value", "value", "value"],

  "key": ["value", value", "value"],

  "key": ["value", "value", "value"],

  "key": ["value", "value", "value"]

}

if "key" in thisdict:

    print("Yes, 'key' is one of the keys in the thisdict dictionary")