

## Searching Using Wildcards -\_replaces a single character • % replaces a string of characters. It can be used in front of or behind the search term.

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QUERY	NAMING CONVENTION
suggested pi	e WSU Data Standards, here are some refixes to use for naming your services
Prefix	Department
A	Admissions
F	Financial Aid
R	Student Records
S	Student Financials
	A 1 1 1
V	Advising

NIVERSITY	QUERY DEVELOPMENT
TATE U	Description
WASHINGTON ST	<ul><li> 30 Characters.</li><li> General description of the query.</li><li> Use key words to facilitate searching.</li><li> Can search in Query Viewer.</li></ul>
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## **QUERY DEVELOPMENT**

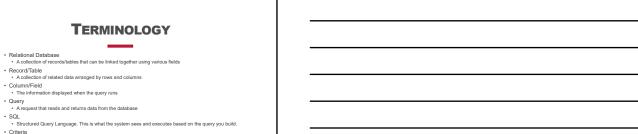
- Runtime prompts are pop-up selection windows which appear when the query is ran that asks the end user to enter information or select something from a list.
- Is your query PUBLIC or PRIVATE?
- Folders can be used to categorize and organize
  Queries. Queries may only be
  stored in one folder at a time.
- The best way to ensure the query is efficient is to run it and verify that its run-time is less than one minute, preferable just a few common to the preferable in the pr a few seconds.
- TEST IT IN THE TEST ENVIRONMENT!!!!

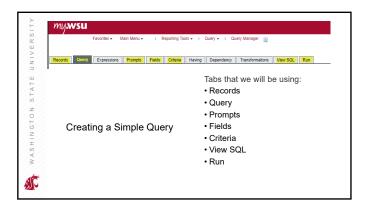
WASHINGTON STATE UNIVERSITY

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## **TERMINOLOGY**

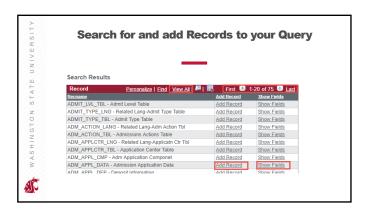
- Criteria
   Behind-the-scenes logic that tells the query what information to retrieve
- Join
   The process of combining two or more records
- Primary Key
   A field or group of fields that uniquely identify a row in the table

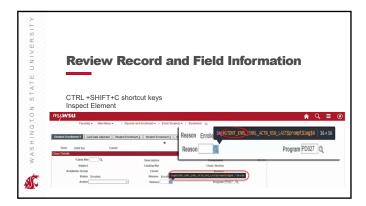


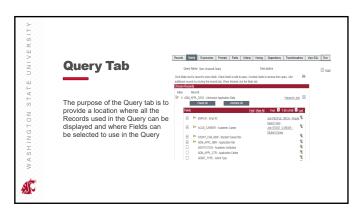


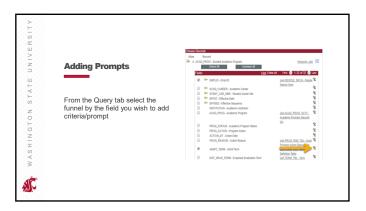


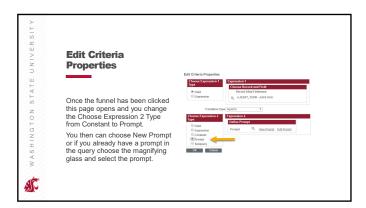


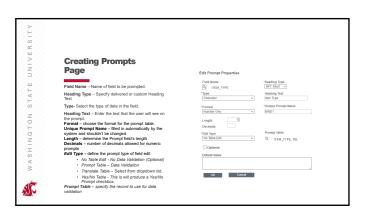


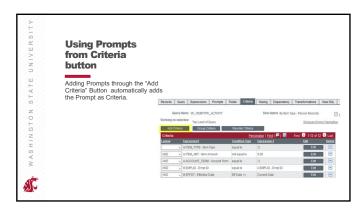




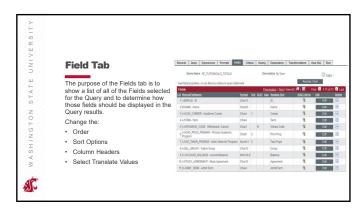




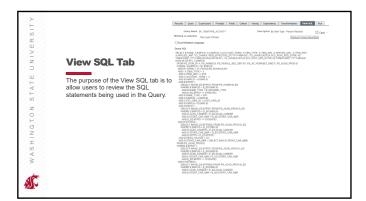




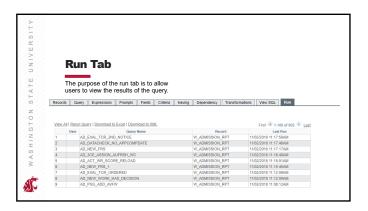


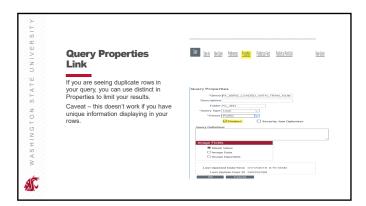


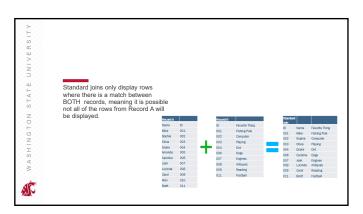














## There is frequently a need to keep track of historical changes to information within the database. The student status will change as he or she enrolls, graduates, etc. Name, addresses, service indicators, or amounts are also often kept as historical references. There may also be a need to store something that will be effective in the future. Effective-date (EFFDT) specifies the date on which data becomes effective. Effective status (EFF\_STATUS) indicates which row is currently active and which rows were previously active (inactive) for configuration history. Effective sequence (EFFSEQ) tracks the sequence of changes in rows for transactional history.



Effective Date	Critoria
	Officia
EffDate<= Eff Date	>
Returns the one row that is closest or equal to Returns	the one row that is nearest to and
the Expression 2 date value without exceeding it. greater t	than the Expression 2 date.
If Expression 2 is "Current Date", First Eff	fective Date
then Query will retrieve the most current Returns	the row with the oldest effective date
row from the table. usually,	the first row that is entered for an item
EffDate< Last Eff	ective Date
Returns the one row that is closest to the Returns	the row with the latest effective date,
Expression 2 date value without equaling or exceeding it. even if the	hat date is still in the future.
Eff Date >=	
Returns the one row that is the nearest	

