



1. Submit query column

Plant
Muskegon
Muskegon
City, MI
Power View
History Table
Columns
Deleted

Search Engine



DSTree

Coordinator



1. Submit query column

Plant
Manufacture
Manufacturing
City, Inc.
Direct View
History Table
Company
Director

Search Engine

2. Pre-process the query

Coordinator



DSTree



1. Submit query column

Plant
Wheelabrator
Shasta Energy
Co. Inc.
Desert View
Honey Lake
Covanta
Delano

Search Engine

2. Pre-process the query

Coordinator

3.1. Create a job queue

3.2. Create n workers



DSTree

Job Queue

q1	Wheelabrator Shasta Energy Co. Inc.
q2	Desert View
q3	Honey Lake
q4	Covanta Delano
...	...

Worker 1

Worker 2

Worker 3

...

Worker n

Thread Pool



1. Submit query column

Plant
Wheelabrator
Shasta Energy
Co. Inc.
Desert View
Honey Lake
Covanta
Delano

Search Engine

2. Pre-process the query

Coordinator

3.1. Create a job queue

3.2. Create n workers



DSTree

Job Queue

q1

Wheelabrator
Shasta Energy
Co. Inc.

q2

Desert View

q3

Honey Lake

q4

Covanta
Delano

...

4. Pick a query
vector

Worker 1

Worker 2

Worker 3

...

Worker n

Thread Pool









