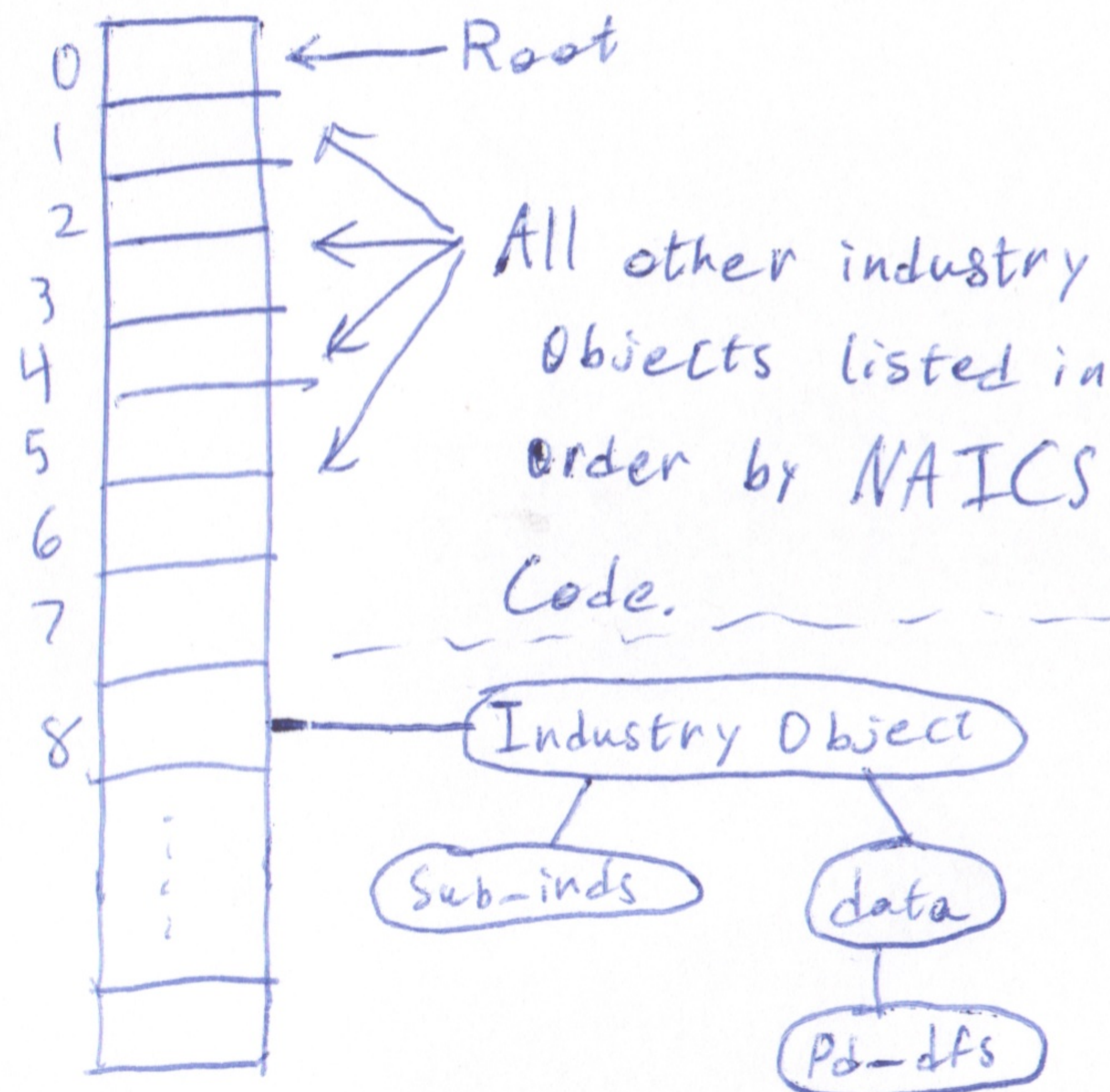# NAICS Tree (in data_class.py)
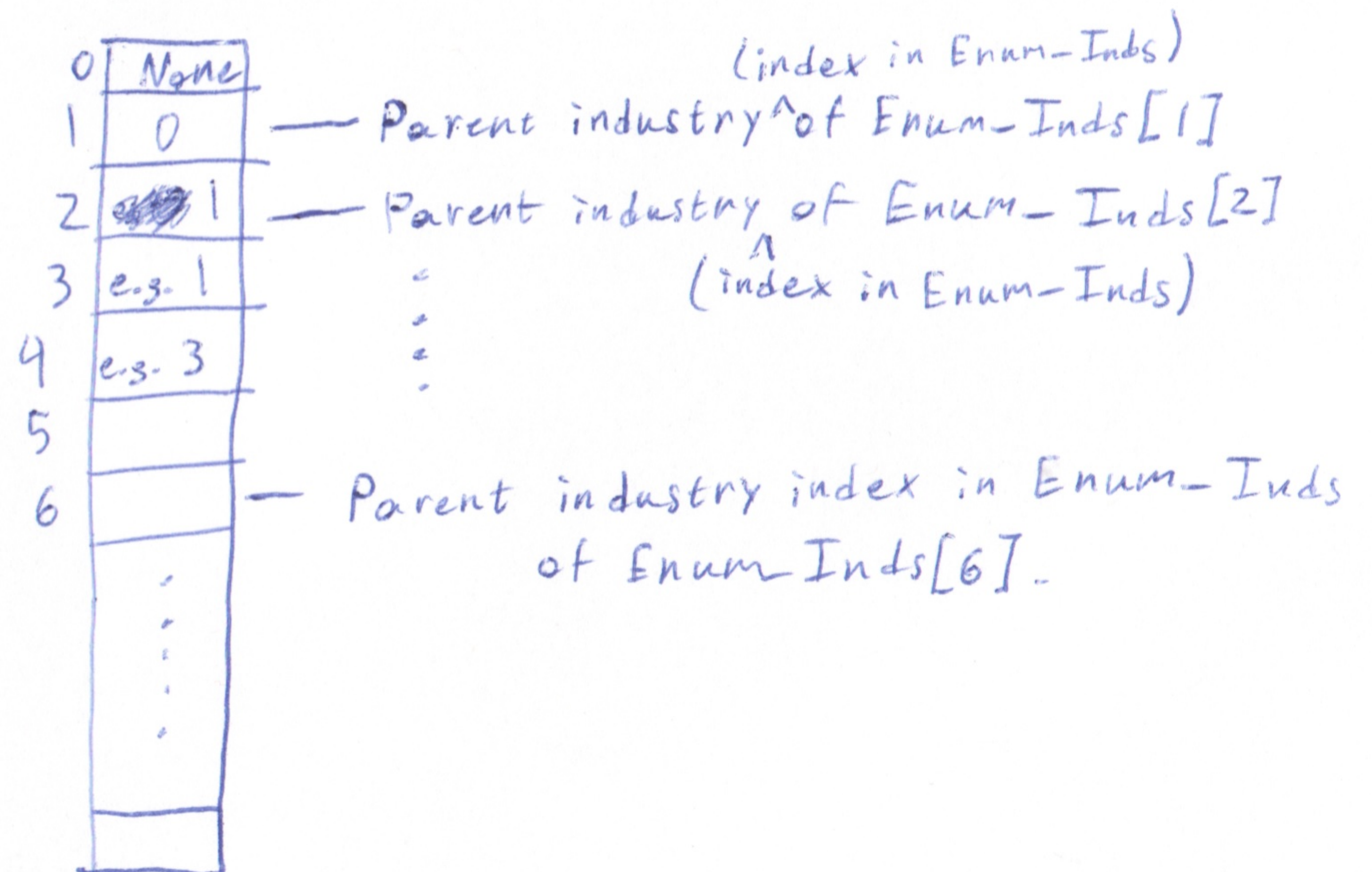
This object has three attributes:
- Root: The root of the tree.
- "Enum_Inds": Listing of all the nodes.
- "Par": Listing of all the parents.

Note that each node is an "Industry Object":

Enum_Inds:

```
0  ────── Root
1  ↗
2  ↙      All other industry
3         Objects listed in
4  →      order by NAICS
5  ↙      Code.
6
7  ────────────────────
8  ──── Industry Object
              │
        ┌─────┴─────┐
     Sub_inds      data
                     │
                   Pd_dfs
```

Par:

```
0  None              (index in Enum_Inds)
1  0      ─── Parent industry of Enum_Inds[1]
2  1      ─── Parent industry of Enum_Inds[2]
                       (index in Enum_Inds)
3  e.g. 1      :
4  e.g. 3      :
5             :
6      ─── Parent industry index in Enum_Inds
                of Enum_Inds[6].
   :
   :
   :
```

Important Function:

load_naics (read documentation)
append_all