

clustering_task_issue

June 17, 2022

```
In [3]: import openml
        from sklearn.cluster import KMeans
```

0.0.1 creating a run

```
In [4]: kmeans_model = KMeans(n_clusters=7, init='k-means++', n_init=10, max_iter=300, tol=0.)
```

```
In [5]: task = openml.tasks.get_task(212161)
        run = openml.runs.run_model_on_task(kmeans_model, task)
```

```
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OpenMLServerException                                Traceback (most recent call last)

<ipython-input-5-fe99041c8344> in <module>
      1 task = openml.tasks.get_task(212161)
----> 2 run = openml.runs.run_model_on_task(kmeans_model, task)

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\runs\functions.py in run_model_on_task
    138         upload_flow=upload_flow,
    139         dataset_format=dataset_format,
--> 140         n_jobs=n_jobs,
    141     )
    142     if return_flow:

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\runs\functions.py in run_model_on_task
    226     flow_id = None
    227     if upload_flow or avoid_duplicate_runs:
--> 228         flow_id = flow_exists(flow.name, flow.external_version)
    229         if isinstance(flow.flow_id, int) and flow_id != flow.flow_id:
    230             if flow_id:

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\flows\functions.py in flow_exists
    254
```

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255     xml_response = openml._api_calls._perform_api_call(
--> 256         "flow/exists", "post", data={"name": name, "external_version": external_ver
257     )
258

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\_api_calls.py in _perform
65     response = _read_url_files(url, data=data, file_elements=file_elements)
66     else:
---> 67         response = __read_url(url, request_method, data)
68
69     __check_response(response, url, file_elements)

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\_api_calls.py in __read_u
204     data["api_key"] = config.apikey
205     return _send_request(
--> 206         request_method=request_method, url=url, data=data, md5_checksum=md5_checks
207     )
208

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\_api_calls.py in _send_re
235     else:
236         raise NotImplementedError()
--> 237     __check_response(response=response, url=url, file_elements=files)
238     if request_method == "get" and not __is_checksum_equal(response.te
239         raise OpenMLHashException()

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\_api_calls.py in __check_
282 def __check_response(response, url, file_elements):
283     if response.status_code != 200:
--> 284         raise __parse_server_exception(response, url, file_elements=file_elements)
285     elif (
286         "Content-Encoding" not in response.headers or response.headers["Content-En

```

OpenMLServerException: https://www.openml.org/api/v1/xml/flow/exists returned code 102

0.0.2 creating a task

```

In [8]: my_task = openml.tasks.create_task(task_type = openml.tasks.TaskType.CLUSTERING,
                                         dataset_id=61,
                                         target_name="class",
                                         estimation_procedure_id = 17)

my_task.publish()

```

```

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OpenMLServerException                                Traceback (most recent call last)

<ipython-input-8-46015b22ac25> in <module>
      3                                     target_name="class",
      4                                     estimation_procedure_id = 17)
----> 5 my_task.publish()

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\base.py in publish(self)
    129         call = "{}"/.format(_get_rest_api_type_alias(self))
    130         response_text = openml._api_calls._perform_api_call(
--> 131             call, "post", file_elements=file_elements
    132         )
    133         xml_response = xmldict.parse(response_text)

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\_api_calls.py in _perform
    63         if request_method != "post":
    64             raise ValueError("request method must be post when file elements are p
----> 65         response = _read_url_files(url, data=data, file_elements=file_elements)
    66     else:
    67         response = __read_url(url, request_method, data)

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\_api_calls.py in _read_ur
    195     # Using requests.post sets header 'Accept-encoding' automatically to
    196     # 'gzip,deflate'
--> 197     response = _send_request(request_method="post", url=url, data=data, files=file
    198     return response
    199

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\_api_calls.py in _send_re
    235         else:
    236             raise NotImplementedError()
--> 237         __check_response(response=response, url=url, file_elements=files)
    238         if request_method == "get" and not __is_checksum_equal(response.te
    239             raise OpenMLHashException(

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\_api_calls.py in __check_
    282 def __check_response(response, url, file_elements):
    283     if response.status_code != 200:
--> 284         raise __parse_server_exception(response, url, file_elements=file_elements)
    285     elif (

```

```
286         "Content-Encoding" not in response.headers or response.headers["Content-En
```

```
OpenMLServerException: https://www.openml.org/api/v1/xml/task/ returned code 618: Task
```

```
In [9]: my_task = openml.tasks.create_task(task_type = openml.tasks.TaskType.CLUSTERING,
                                           dataset_id=61,
                                           target_name="class",
                                           estimation_procedure_id = 17,
                                           target_feature = 'class')

my_task.publish()
```

```
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TypeError                                 Traceback (most recent call last)
```

```
<ipython-input-9-4c4ee9258baf> in <module>
    3         target_name="class",
    4         estimation_procedure_id = 17,
----> 5         target_feature = 'class')
    6 my_task.publish()

~\AppData\Local\Continuum\anaconda3\lib\site-packages\openml\tasks\functions.py in create_task
529         estimation_procedure_id=estimation_procedure_id,
530         evaluation_measure=evaluation_measure,
--> 531         **kwargs
532     )
```

```
TypeError: __init__() got an unexpected keyword argument 'target_feature'
```

```
In [ ]:
```