

```
{
  "current_balance": null,
  "date": 1545091200,
  "debit": true,
  "description": "PREAUTHORIZATION DEBIT AT
#1234, BURILINGTON, KY ON 121818 FROM CARD:
XXXXXXXXXXXX4321
"merchant": {
  "address": null
  "address_type": null,
  "logo": "https://cdn4.synapsefi.com/up=
loads/2018/12/05/ni7vR03ylx=
NeZ0LPXM9Ua4GD62hmbjJWuftIY0ok5c1rqEzHdV.ji
"name": "Business Name",
"official_page": "http://www.thecompany
"phone_number": 1 (800) 1234567"
}
```

Balance	<input type="text" value="\$0"/>
Date	<input type="text" value="12/5/2018"/>
Debit	<input checked="" type="checkbox"/>
Description	<input type="text" value="XXXXXXXXXXXX4321"/>
Logo	<input type="text" value="Company"/>
Phone	<input type="text" value="1 (800) 123-4567"/>

Data Enrichment

Transactional Classification

Data Enrichment puts together a merchant profile to organize otherwise messy transaction data. This merchant profile includes the merchant's name, logo, corporate address, phone number and website. Classified data like this makes it easier for your users to track and understand their spending behaviors and promotes a cleaner UI.

At the API level, Data Enrichment works the following way (continued on next page):

Data Enrichment

```
from synapse_pay_rest import User
from synapse_pay_rest import Node

node = Node.by_id(user, '57ec57be86c27345b3f8a159', full_
dehydrate='yes', force_refresh='yes')

# Example of node response with force_refresh and full_
dehydrate:
{
  ...
  'extra': {
    ...
    'other': {
      'balance': {
        'available': 56506.77,
        'current': 56506.77
      },
      ...
      'info': {
        ...
        'addresses': [
          {
            'city': 'SF',
            'state': 'CA',
            'street': '101 Market SF',
            'zipcode': '94114'
          }
        ],
        'emails': [
          'test@synapse.com',
        ],
        'names': [
          'Synapse Financial Inc'
        ]
      }
    }
  }
}
```

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```

    ],
    'phone_numbers': []
  },
  ...
  'recent_statement': 'https://cdn2.synapsefi.com/
statements.banklogins/uploads/xxxx/xx/xx/
xxxxxxxxxxxxxxxxxxxxxxxx.pdf',
  'transactions': [
    {
      '_id': '123456789',
      'amount': 47200.7,
      'category': {
        'primary': 'transfer',
        'subcategory': 'discretionary_spending'
      },
      'current_balance': 0,
      'debit': True,

      'description': 'ONLINE DOMESTIC WIRE TRANSFER
VIA: AXOS BANK',
      'merchant': {
        'address': '201 North Walnut Street,
Wilmington, DE 19801, United States',
        'address_type': 'headquarters',
        'logo': 'https://cdn4.synapsefi.com/uploads/
2018/12/07/XcR74r9LJhespfIbK1z36y5QoBv8CNZH
FWEGM2UTdmjYiPqSkn.jpeg',
        'name': 'Chase',
        'official_page': 'http://www.chase.com/',
        'phone_number': '(800) 935-9935'
      },

      'pending': False,
      'recurring': 'not_recurring'
    },

```

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```
        ...
    ],
    ...
},
'supp_id': None
},
'info': {
    'account_num': '111111111',
    'address': '101 Market SF, SF, CA, US',
    'bank_logo': 'https://cdn.synapsepay.com/bank_logos/new/
    chase.png',
    'bank_long_name': 'JPMORGAN CHASE',
    'bank_name': 'JPMORGAN CHASE',
    'class': 'CHECKING',
    'nickname': 'Business Checking - 1234',
    'routing_num': '322271627',
    'type': 'BUSINESS',
    ...
},
...
}
```