



# THE LOANPRO API

CUSTOMER SEARCH

[loanprosoftware.simnang.com](https://loanprosoftware.simnang.com)

# API SAMPLE

Fork Customer Search — <https://plnkr.co/edit/xmemSm>

## **CAUTIONARY NOTE**

The provided API samples store API credentials in the browser  
Use the API samples to explore the API and not as your integration

# API ENDPOINT

The API endpoint will be a POST request to:

[https://loanpro.simmang.com/api/public/api/1/Customers/Autopal.Search\(\)](https://loanpro.simmang.com/api/public/api/1/Customers/Autopal.Search())

(The endpoint is **Customers/Autopal.Search()**)

# ELASTICSEARCH

The customer search uses Elasticsearch in the backend

See the presentation **Working with Elasticsearch** for more information

# AGGREGATE FIELDS

Below is a list of aggregates available for customer search:

- loansCount - Number of loans the customer is linked to
- creditScore - Credit score for the customer
- paymentAccountsCount - Number of payment accounts for the customer
- referencesCount - Number of references for the customer

# SAMPLE AGGREGATE FIELDS

```
"avg_loansCount": {  
  "avg": {  
    "field": "loansCount"  
  }  
}
```

Gets the average loan count

# COMBINING THEM

- The Elasticsearch query object will go into a `query` object
- The aggregate field will go into an `aggs` object



# COMBINED SAMPLE

Get all customers with "John" in the first name or the email

POST [https://loanpro.simnang.com/api/public/api/1/Customers/Autopal.Search\(\)](https://loanpro.simnang.com/api/public/api/1/Customers/Autopal.Search())

```
{
  "query": {
    "bool": {
      "must": [
        {
          "query_string": {
            "query": "*John*",
            "fields": [
              "firstName",
              "email"
            ]
          }
        }
      ]
    }
  },
  "aggs": {
    "avg_loansCount": {
      "avg": {
        "field": "loansCount"
      }
    }
  }
}
```

# GETTING RESULTS 1-25

POST loanpro.simnang.com/api/public/api/1/Customers/Autopal.Search()?\$top=25&\$skip=0

```
{
  "query": {
    "bool": {
      "must": [
        {
          "query_string": {
            "query": "*John*",
            "fields": [
              "firstName",
              "email"
            ]
          }
        }
      ]
    }
  },
  "aggs": {
    "avg_loansCount": {
      "avg": {
        "field": "loansCount"
      }
    }
  }
}
```

# GETTING RESULTS 26-50

POST loanpro.simnang.com/api/public/api/1/Customers/Autopal.Search()?\$top=25&\$skip=25

```
{
  "query": {
    "bool": {
      "must": [
        {
          "query_string": {
            "query": "*John*",
            "fields": [
              "firstName",
              "email"
            ]
          }
        }
      ]
    }
  },
  "aggs": {
    "avg_loansCount": {
      "avg": {
        "field": "loansCount"
      }
    }
  }
}
```

# QUESTIONS?

Feel free to ask in our [Forums](#)

Or, email us at [support@simnang.com](mailto:support@simnang.com)