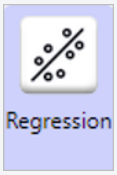
Regression



Regression

Author: Irene Cho

This plugin can do data analysis using various regression models.

Primary Features

- Simple data analysis can be conducted using 17 regression models and 3 plots which are residuals, prediction error and Cook's distance will evaluate the fitted model.
- 'Compare models' operation compares the fitted regression models by measuring the average of squared of the errors between predicted values and actual values.
- 'Fit Model' gives the summary of average of squared of the errors, proportion of variance and accuracy of the fitted model with the 3 useful plots.

Prerequisites

- Input datafile (format: csv, tsv, xlsm, xls, xlsx, json)

Data Pre-processing

- Normalization: Process of recognizing data to reduce or even remove redundancy.
- Onehot-Encoding: Required process for categorical variables that removes the integer encoded variable and add a new binary variable.

Need help?

Technical contact to tech@argos-labs.com

May you search all operations,

- **Actions**
- **Verifications**
- **System Calls**
- **Interactives**

Parameters

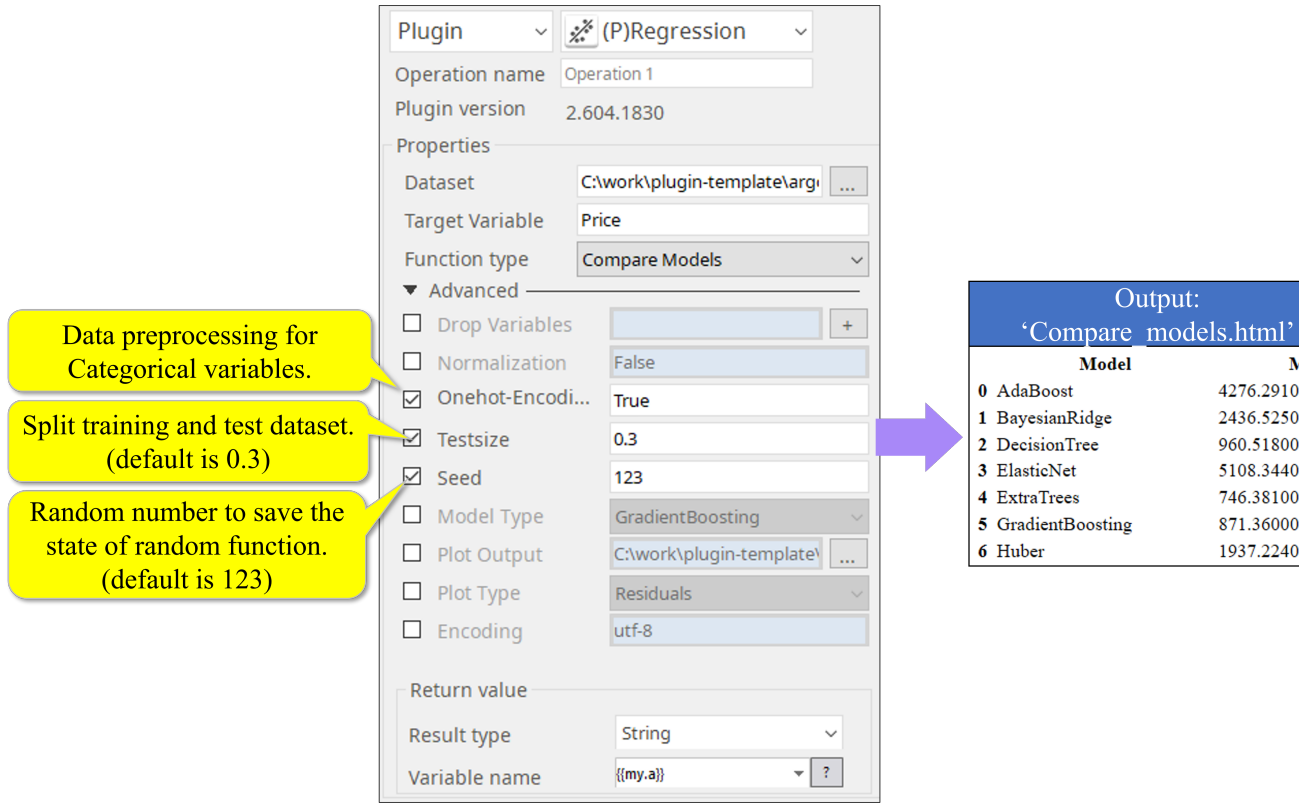
1. Compare Models

Required parameters	Type	Note
Target variable	str	A target variable to predict

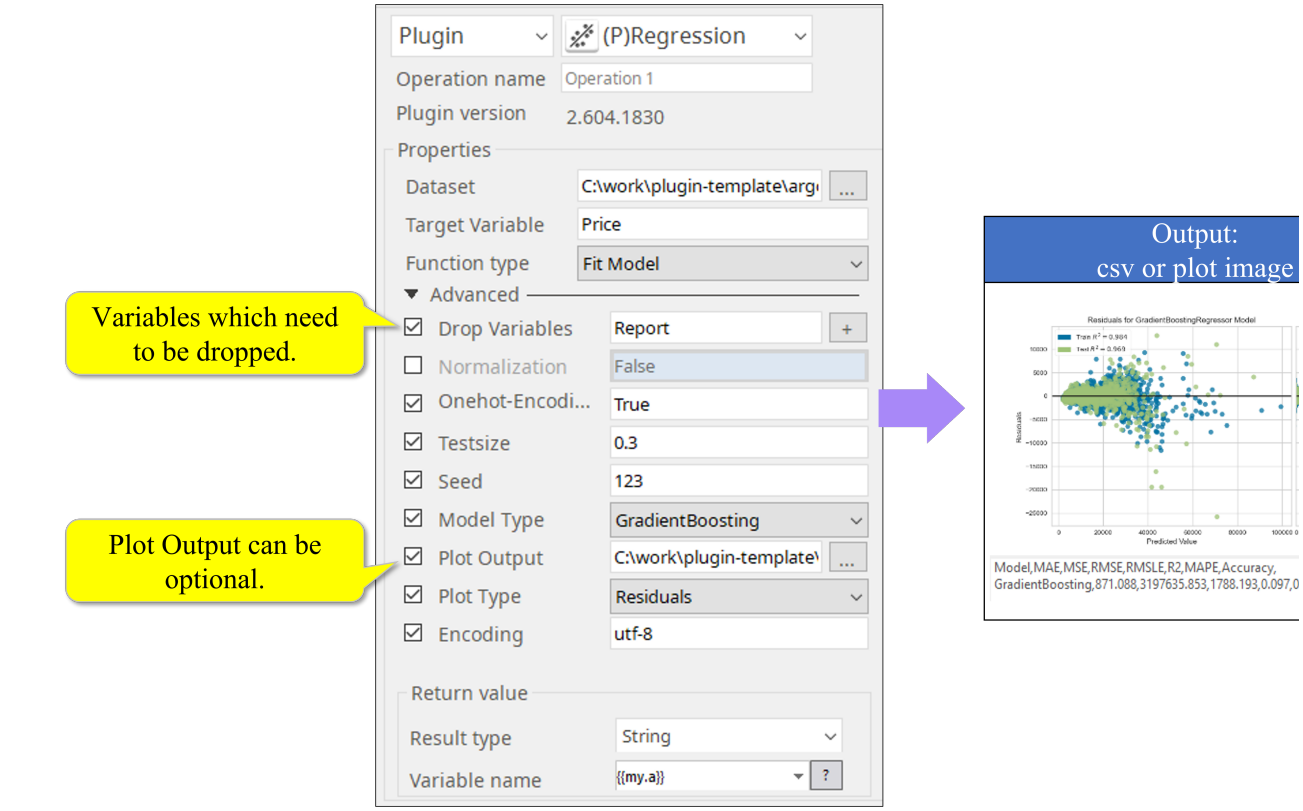
2. Fit Model

Required parameters	Type	Note
Target variable	Str	A target variable to predict
Model Type	Str	Choose one of the given models
Plot Output (optional)	File path	Absolute file path for plot output
Plot Type (optional)	Str	

Example of the plugin in STU – Compare Models (Output: '.html')



Example of the plugin in STU – Fit Model (Output: CSV or plot image)



All Plugins

- ABBYY Download
- ABBYY Status
- ABBYY Upload
- AD LDAP
- Adv Send Email
- API Requests
- ARGOS API
- Arithmetic Op
- ASCII Converter
- Attach Image
- AWS S3
- AWS Textra Rekog
- Base64
- Basic Numerical Operations
- Basic String Manipulation
- Bot Collabo
- Box
- Box II
- Chatwork GetMessage
- Chatwork Notification
- Citizen Log
- Clipboard
- Codat API
- Convert CharSet
- Convert Image
- Convert Image II
- Create Newfile
- CSV2XLSX
- Data Plot I
- DeepL Free
- Detect CharSet
- Dialog Calendar
- Dialog Error
- Dialog File Selection
- Dialog Forms
- Dialog Info
- Dialog Password
- Dialog Question
- Dialog Text Entry
- Dialog Text Info
- Dialog Warning
- DirectCloud API
- Doc2TXT
- DocDigitizer Get Doc
- DocDigitizer Tracking
- DocDigitizer Upload
- Docker Remote Service
- Drag and Drop
- Dropbox
- Dynamic Python
- Email IMAP ReadMon
- Email Read Mon
- Env Check
- Env Var
- Excel2Image
- Excel Advanced
- Excel Advance IV
- Excel AdvII
- Excel AdvIII
- Excel Copy Paste
- Excel Formula
- Excel Large Files

- Excel Macro
- Excel Newfile
- Excel Simple Read
- Excel Simple Write
- Excel Style
- Excel Update
- Fairy Devices mimi AI
- File Conv
- File Downloader
- File Folder Exists
- File Folder Op
- File Status
- Fixed Form Processing
- Floating Form Processing
- Folder Monitor
- Folder Status
- Folder Structure
- FTP Server
- Git HTML Extract
- Google Calendar
- Google Cloud Vision API
- Google Drive
- Google Search API
- Google Sheets
- Google Token
- Google Translate
- Google TTS
- GraphQL API
- Html Extract
- HTML Table
- IBM Speech to Text
- IBM Visual Recognition
- Java UI Automation
- JP Holiday
- JSON Select
- JSON to from CSV
- Lazarus Forms
- Lazarus Invoices
- Lazarus RikAI
- Lazarus Riky
- LINE ID Card OCR
- LINE Notify
- LINE Receipt OCR
- Microsoft Teams
- MongoDB
- MQTT Publisher
- MS Azure Text Analytics
- MS Word Extract
- NAVER OCR
- Newuser-SFDC
- OCI
- OCR PreProcess
- OpenAI API
- Oracle SQL
- Outlook
- Outlook Email
- PANDAS I
- pandas II
- pandas III
- PANDAS profiling
- Parsehub
- Password Generate
- Path Manipulation
- PDF2Doc
- PDF2Table
- PDF2TXT
- PDF Miner
- PDF SplitMerge
- PostgreSQL
- PowerShell
- PPTX Template
- Print 2 Image
- Python Selenium
- QR Generate
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- RakurakuHanbai API
- Regression
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- REST API

- Rossum
- Running GAS
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- Screen Recording STOP
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- Tesseract
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- Text2Word
- Text Read
- Text Write
- Time Diff
- Time Stamp
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- Windows Op
- Windows Screen Lock
- Win UI Control
- Win UI Text
- Word2PDF
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- Xtracta Tracking
- Xtracta Upload
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