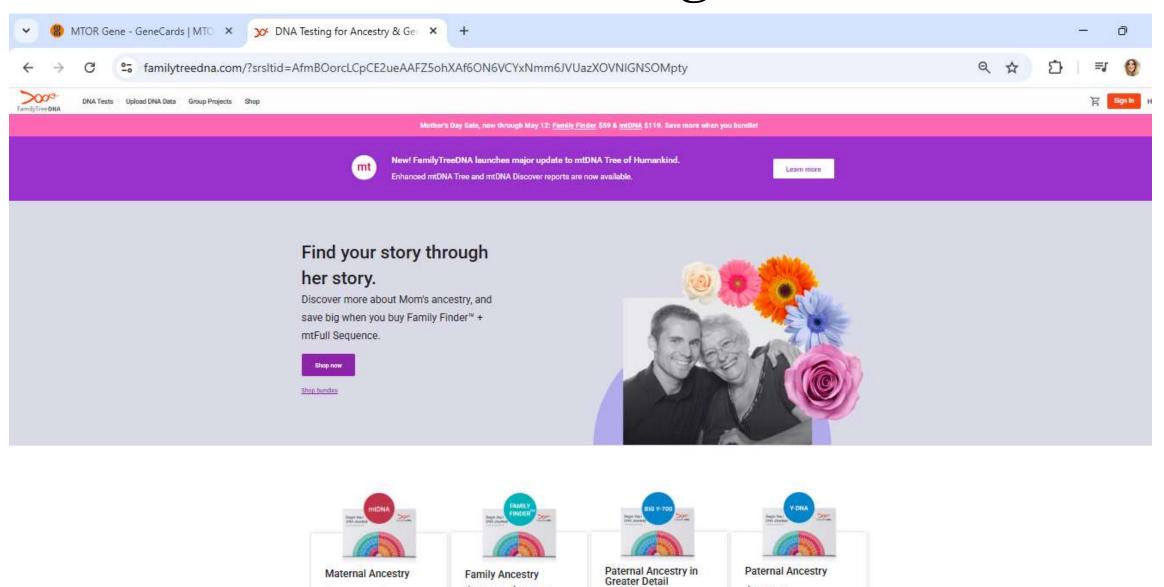
Data Mining

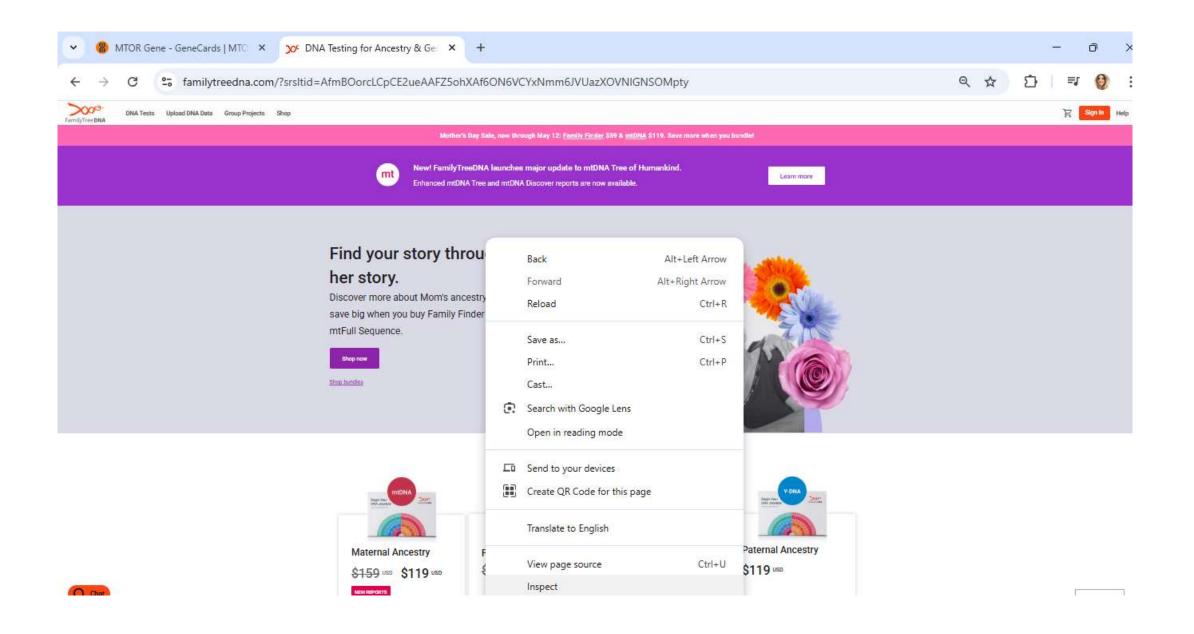


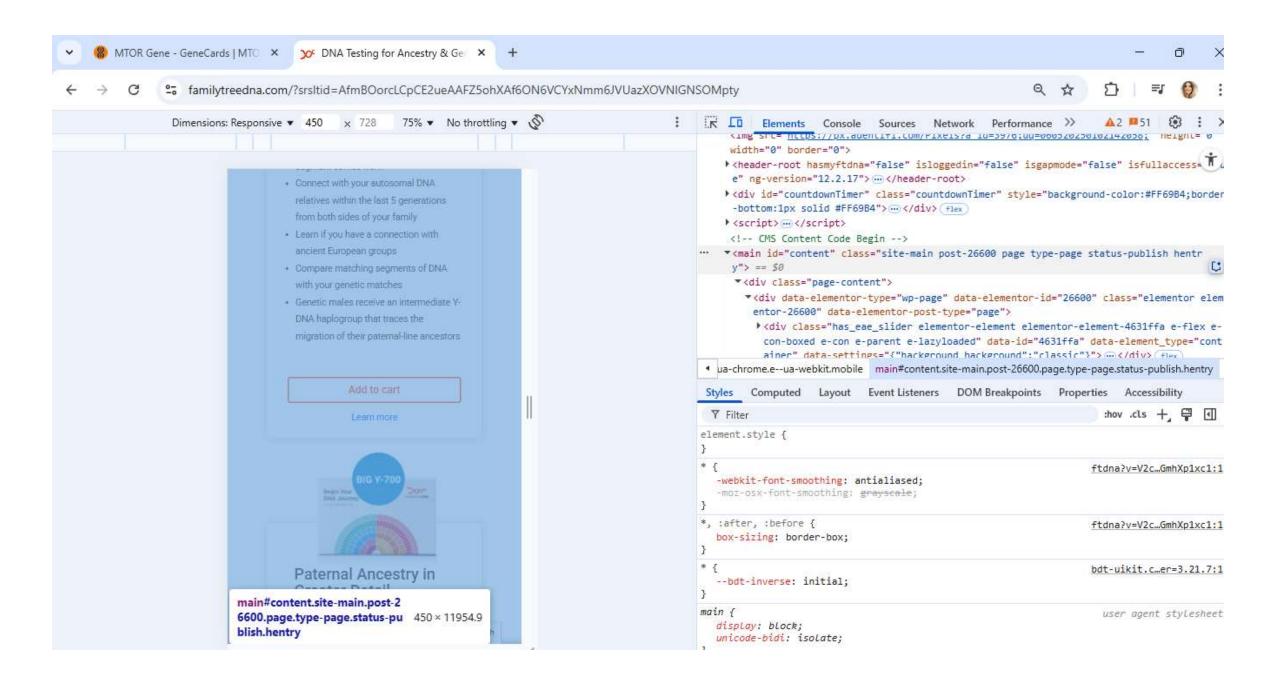
\$449 1150

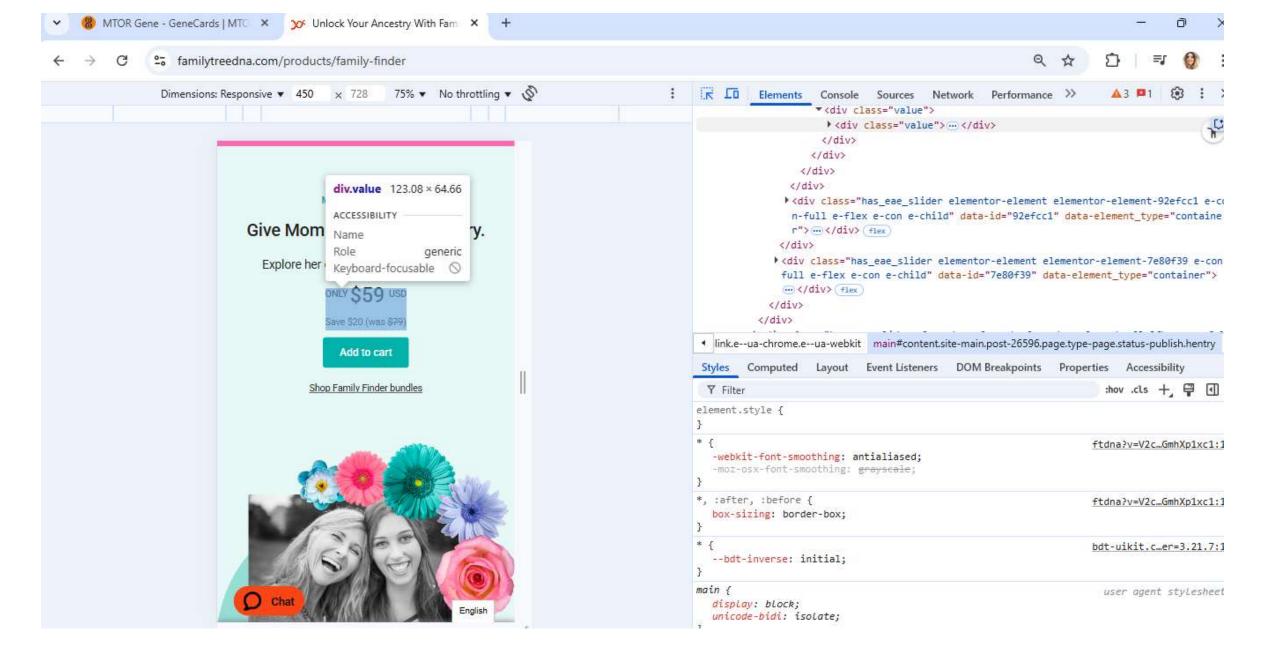
\$119 USD

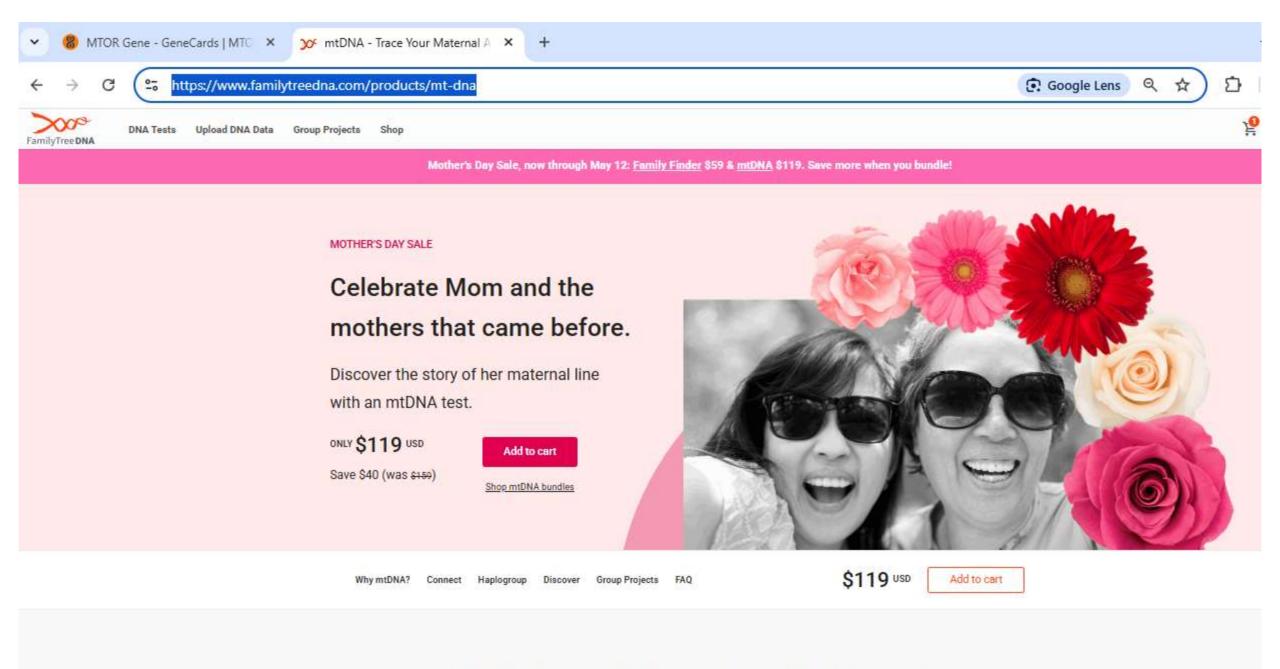
Family Ancestry \$79 050 \$59 050

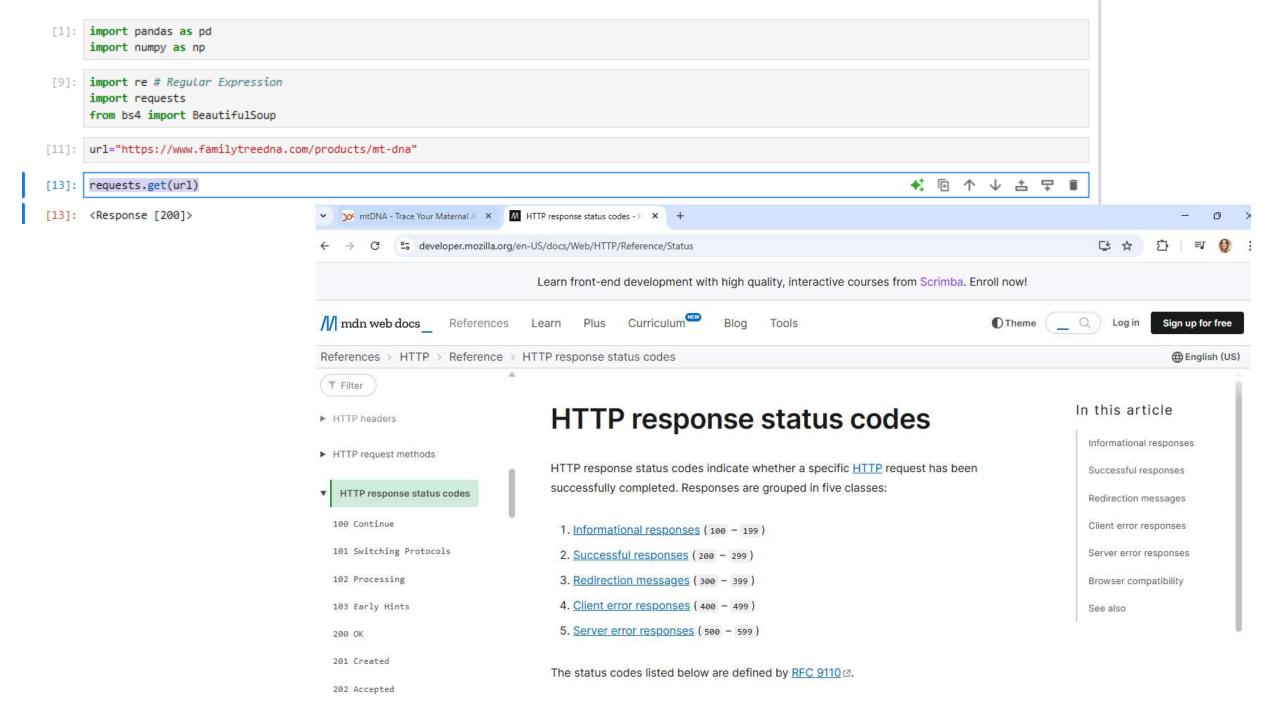
\$159 180 \$119 180











```
[13]: requests.get(url)
[13]: <Response [200]>
[15]: page=requests.get(url)
[17]: page.content
[17]: b'\r\n\r\n<!DOCTYPE html>\r\n<!--[if IE 8]><html class="ie8 no-js" lang="en"><![endif]-->\r\n<!--[if IE 9]><html class="ie9 no-js" lang="en"><![en
       dif]-->\r\n<!--[if !IE]><!-->\r\n<html lang="en" class="no-js">\r\n<!--<![endif]-->\r\n<head prefix="og: http://ogp.me/ns#">\r\n \r\n\r\n <link
       rel="stylesheet" href="https://fonts.googleapis.com/css?family=Roboto+Slab:300,400|Roboto:300,400,500,700,900" />\r\n\r\n <link rel="stylesheet" ty
       pe="text/css" href="//fonts.googleapis.com/css?family=Raleway:400,300,200,100,500,600,700,800,900" />\r\n link rel="stylesheet" type="text/css" href="//fonts.googleapis.com/css?family=Raleway:400,300,200,100,500,600,700,800,900" />\r\n
```

ef="//fonts.googleapis.com/css?family=Open+Sans:400,300,200,100,500,600,700,800,900" />\r\n\r\n <meta charset="utf-8" />\r\n <title>mtDNA -Trace Your Maternal Ancestry - FamilyTreeDNA</title>\r\n <!--[if IE]><meta http-equiv=\'X-UA-Compatible\' content="IE=edge,IE=9,IE=8,chrome=1" /><! [endif]-->\r\n <meta name="viewport" content="width=device-width, initial-scale=1.0, user-scalable=0, minimum-scale=1.0, maximum-scale=1.0">\r\n \n <meta name="description" content="Discover your maternal line's ancestry, connect with your mtDNA relatives and get your mtDNA haplogroup wi th mtFull Sequence.">\r\n <meta name="keywords" content="FamilyTreeDNA, ancient origins, dna tests, ancestry">\r\n\r\n <!-- CMS Metatag Code Begin -->\r\n<link rel="canonical" href="https://www.familytreedna.com/products/mt-dna" />\r\n<meta name="robots" content="index, follow, max-snippet: -1, max-image-preview:large, max-video-preview:-1" />\r\n<meta property="og:locale" content="en_US" />\r\n<meta property="og:site_name" content="Famil vTreeDNA" />\r\n<meta property="article:modified time" content="2025-05-01T11:52:24Z" />\r\n<meta property="og:image" content="https://cms.familytreed na.com/wp-content/uploads/2025/02/mtDNA-Connections-28.png" />\r\n <!-- CMS Metatag Code End -->\r\n\r\n \r\n <meta property="og:typ</pre> e" content="website" />\r\n <meta property="og:url" content="https://www.familytreedna.com/products/mt-dna" />\r\n <meta property="og:ti</pre> tle" content="mtDNA - Trace Your Maternal Ancestry - FamilyTreeDNA" />\r\n <meta property="og:image" content="https://www.familytreedna.co __</pre> <meta property="og:description" content="Discover your maternal lin"</pre> m/Areas/Main/Apps/Products/images/fb metadata mtdna 0317 v2.jpg" />\r\n e':s ancestry, connect with your mtDNA relatives and get your mtDNA haplogroup with mtEull Sequence." />\r\n\r\n\r\n link href="/favicon.ico" r //

```
[33]: str(page.content){str(page.content).find("mtDNA"):}

Cell In[33], line 1
    str(page.content){str(page.content).find("mtDNA"):}

SyntaxError: expression expected after dictionary key and ':'

[35]: content_str = str(page.content)
    index = content_str.find("mtDNA")
    if index != -1:
        print(content_str[index:])
    else:
        print("mtDNA not found in content")
```

ax-snippet:-1, max-image-preview:large, max-video-preview:-1" />\r\n<meta property="og:locale" content="en US" />\r\n<meta property="og:site name" con tent="FamilyTreeDNA" />\r\n<meta property="article:modified time" content="2025-05-01T11:52:24Z" />\r\n<meta property="og:image" content="https://cms. familytreedna.com/wp-content/uploads/2025/02/mtDNA-Connections-28.png" />\r\n <!-- CMS Metatag Code End -->\r\n\r\n \r\n <meta proper ty="og:type" content="website" />\r\n <meta property="og:url" content="https://www.familytreedna.com/products/mt-dna" />\r\n <meta prope rty="og:title" content="mtDNA - Trace Your Maternal Ancestry - FamilyTreeDNA" />\r\n <meta property="og:image" content="https://www.familyt</pre> reedna.com/Areas/Main/Apps/Products/images/fb_metadata_mtdna_0317_v2.jpg" />\r\n <meta property="og:description" content="Discover your mat</pre> ernal line's ancestry, connect with your mtDNA relatives and get your mtDNA haplogroup with mtFull Sequence." />\r\n\r\n\r\n <link href="/favic on.ico" rel="shortcut icon" type="image/x-icon" />\r\n\r\n\r\n <link href="https://fonts.googleapis.com/icon?family=Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+Icons|Material+I ns+Outlined | Material+Icons+Two+Tone | Material+Icons+Round | Material+Icons+Sharp" rel="stylesheet" >\r\n < link rel="stylesheet" href="https://cdn.jsdel ivr.net/npm/@mdi/font@2.3.54/css/materialdesignicons.min.css">\r\n <link href="/bundles/styles/header?v=xMFynpfU3KuKRltJ46dmvvI_ZuhKaMb8do8S5AQBYeM 1" rel="stylesheet"/>\r\n\r\n \r\n \(\!-- CMS Head Code Begin -->\r\n<style>img:is([sizes="auto"i],[sizes^="auto,"i]){contain-intrinsic-size:3 000px 1500px}</style><script>window. wpemojiSettings={baseUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/72x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/?2x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/?2x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/?2x72/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/".ext:".png",svgUrl:"https://s.w.org/images/core/emoji/15.1.0/".ext:".png",svgUrl:".png",svgUrl:".png",svgUrl:".png",svgUrl:".png",svgUrl:".png",svgUrl:".png",svgUrl:".png",svgUrl:".png",svgUrl:".png",svgUrl:".png",s ges/core/emoji/15.1.0/svg/",svgExt:".svg",source:{concatemoji:"https://cms.familytreedna.com/wp-includes/js/wp-emoji-release.min.js?ver=6.8.1"}};\n/*! This file is auto-generated */\n!function(n,t){function e(n){try{var t={supportTests:n,timestamp:(new Date).valueOf()};sessionStorage.setItem(i,JSON.s

```
[41]: BeautifulSoup (page.content, "html.parser")
[41]:
       <!DOCTYPE html>
      <!--[if IE 8]><html class="ie8 no-js" lang="en"><![endif]-->
      <!--[if IE 9]><html class="ie9 no-js" lang="en"><![endif]-->
      <!--[if !IE1><!-->
      <html class="no-js" lang="en">
      <!--<![endif]-->
      <head prefix="og: http://ogp.me/ns#">
       <link href="https://fonts.googleapis.com/css?family=Roboto+Slab:300,400|Roboto:300,400,500,700,900" rel="stylesheet"/>
       <link href="//fonts.googleapis.com/css?family=Raleway:400,300,200,100,500,600,700,800,900" rel="stylesheet" type="text/css"/>
       <link href="//fonts.googleapis.com/css?family=Open+Sans:400,300,200,100,500,600,700,800,900" rel="stylesheet" type="text/css"/>
       <meta charset="utf-8"/>
      <title>mtDNA - Trace Your Maternal Ancestry - FamilyTreeDNA</title>
      <!--[if IE]><meta http-equiv='X-UA-Compatible' content="IE=edge,IE=9,IE=8,chrome=1" /><![endif]-->
       <meta content="width=device-width, initial-scale=1.0, user-scalable=0, minimum-scale=1.0, maximum-scale=1.0" name="viewport"/>
       <meta content="yes" name="apple-mobile-web-app-capable"/>
       <meta content="black" name="annle-mobile-web-ann-status-bar-style"/>
[43]: html=BeautifulSoup (page.content, "html.parser")
```

```
import pandas as pd
# mtDNA test information
data = {
   "Title": [
       "Price",
        "Test Name",
        "Description",
       "Who It's For",
       "Main Features",
       "Additional Tools & Services",
       "Extra Information"
   ],
   "Details": [
       "$119 USD (Regular price: $159 USD)",
       "mtFull Sequence (FMS) Test",
        "The mtDNA test helps trace your direct maternal line and discover matrilineal relationships.",
        "Suitable for both men and women; only women pass down mtDNA.",
        "• Access the world's largest mtDNA database\n• Discover and connect with maternal-line relatives\n• Explore detailed family trees\n• Trace ancie
        "• Haplogroup Story\n• Country Frequency\n• Migration Maps\n• Notable Connections\n• Ancient Connections\n• Ancestral Path\n• Compare Haplogroups
        "The mtDNA test provides insights into your maternal lineage's historical and geographic origins, including haplogroup details and advanced analy
# Create DataFrame
df = pd.DataFrame(data)
```

```
[8]: csv_path = "C:/Users/Acer/Downloads/mnt/data/mtDNA_test_info.csv"
    df.to_csv(csv_path, index=False)
    csv_path
```

```
data
[12]:
[12]: {'Title': ['Price',
        'Test Name',
        'Description',
        "Who It's For",
        'Main Features',
        'Additional Tools & Services',
        'Extra Information'],
        'Details': ['$119 USD (Regular price: $159 USD)',
        'mtFull Sequence (FMS) Test',
        'The mtDNA test helps trace your direct maternal line and discover matrilineal relationships.',
        'Suitable for both men and women; only women pass down mtDNA.',
        '• Access the world's largest mtDNA database\n• Discover and connect with maternal-line relatives\n• Explore detailed family trees\n• Trace ancient mat
      ernal migrations',
        '• Haplogroup Story\n• Country Frequency\n• Migration Maps\n• Notable Connections\n• Ancient Connections\n• Ancestral Path\n• Compare Haplogroups\n• Ti
      me Tree\n• Classic Tree\n• Match Time Tree\n• Globetrekker (coming soon)',
        'The mtDNA test provides insights into your maternal lineage's historical and geographic origins, including haplogroup details and advanced analysis to
      ols.']}
```