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Oct 26, 2017

MATLAB Live Editor

Report by Pony Lai

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with MATLAB & Simulink

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Live Editor Features

- Single Interactive Environment
- Code Sections
- Output control
- Inline error massage
- Formatted Text
- Equations, Image, and Hyperlinks
- Multilinqual Text
- Sharing and Publication

♠ Single Interactive Environment

Live Editor - C:\MATLAB\Live Editor\US_Population.mlx *

LIVE EDITOR | VIEW

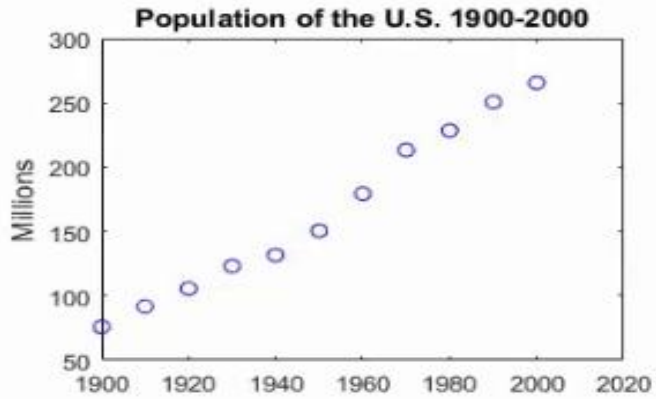
New | Open | Save | Find Files | Compare | Print | Go To | Find | Code | Text | Section Break | Equation | Hyperlink | Image | Normal | Heading | Title | Run All | Run Section

FILE | NAVIGATE | FORMAT | INSERT | TEXT STYLE | RUN

```
years = (1900:10:2000);
pop = [75.995 91.972 105.711 123.203 131.669 ...
   150.697 179.323 213.212 228.505 250.633 265.422]
```

```
pop = 1x11 double
   75.9950   91.9720  105.7110  123.2030  131.6690  150.6970  179.3230  213.2120  228.5050  250.6330  265.4220
```

```
plot(years,pop,'bo');
axis([1900 2020 50 300]);
title('Population of the U.S. 1900-2000');
ylabel('Millions');
xlabel('Year')
```



♠ Code Sections

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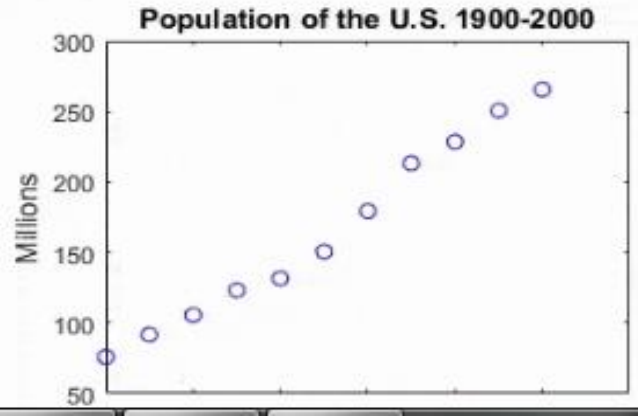
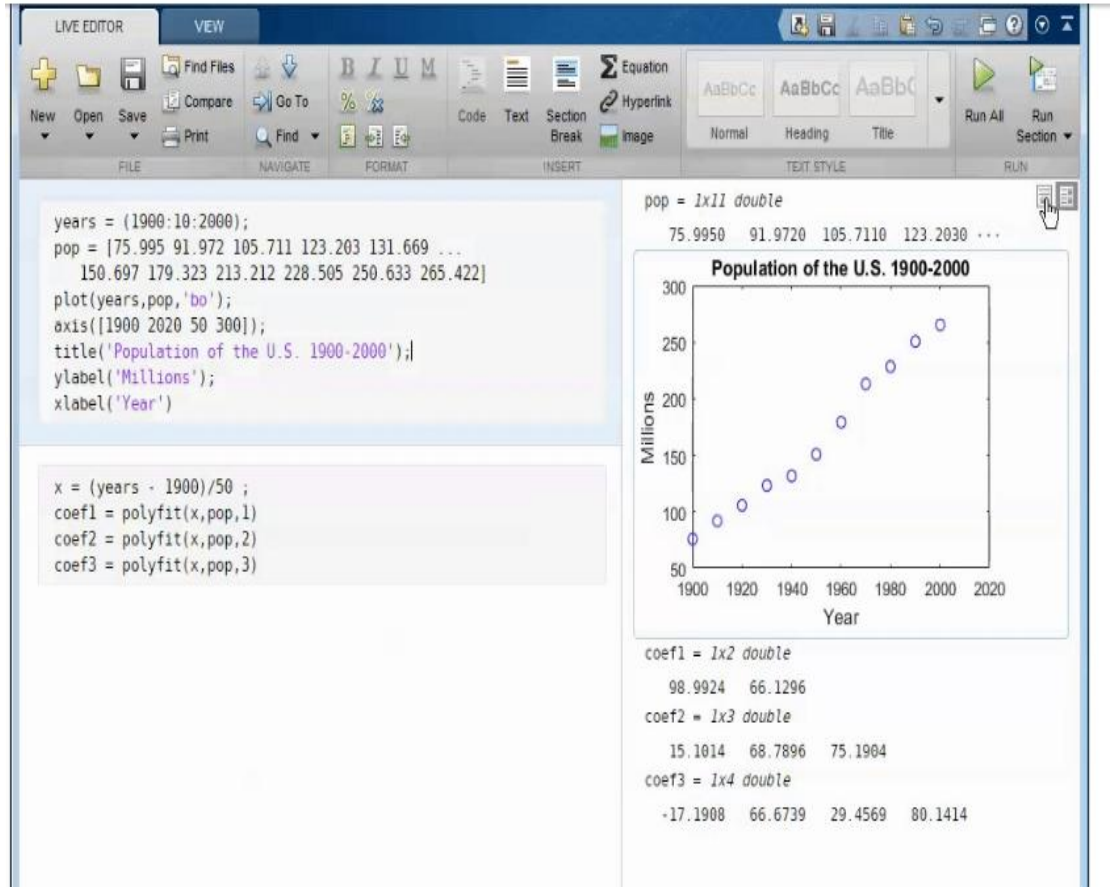
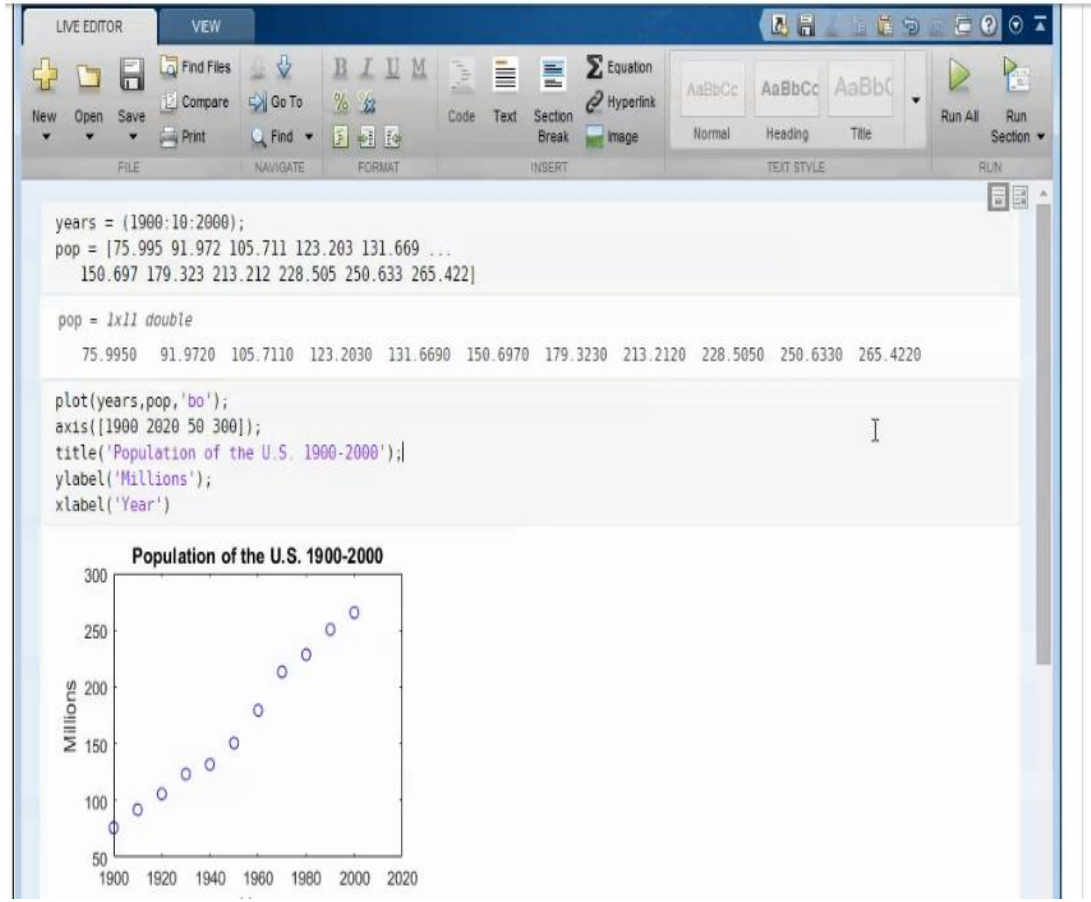


♠ Output control





♠ Inline error massage

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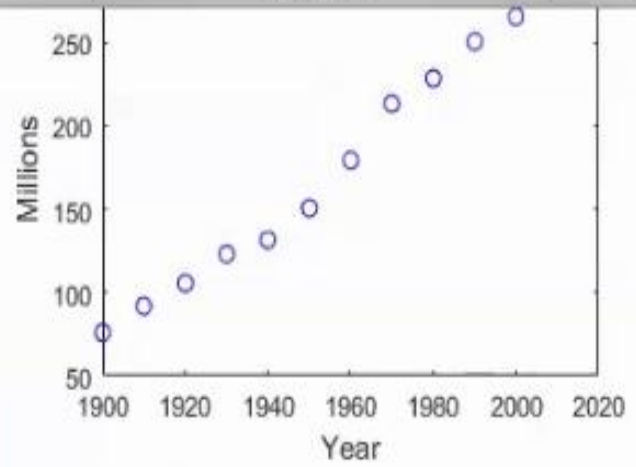
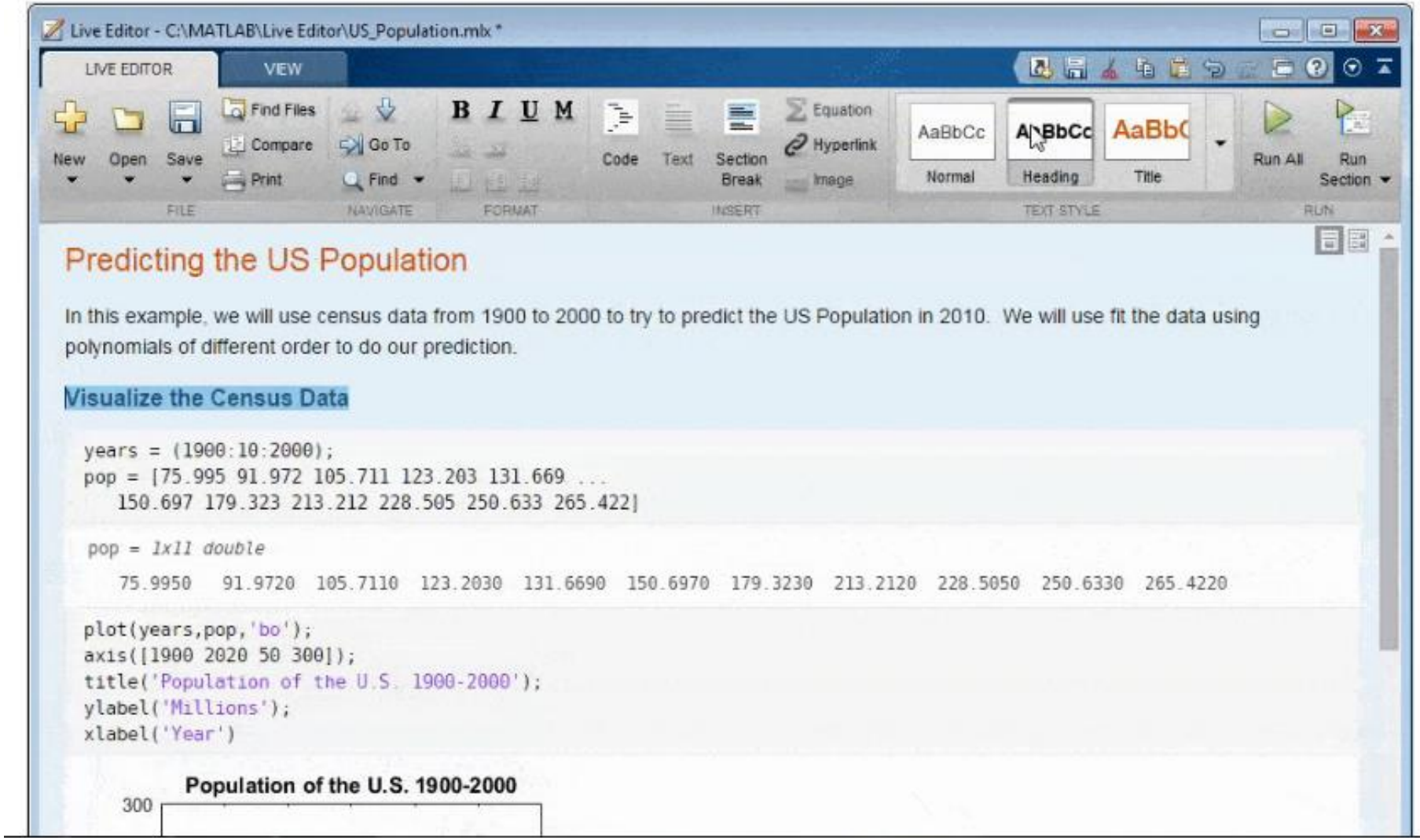


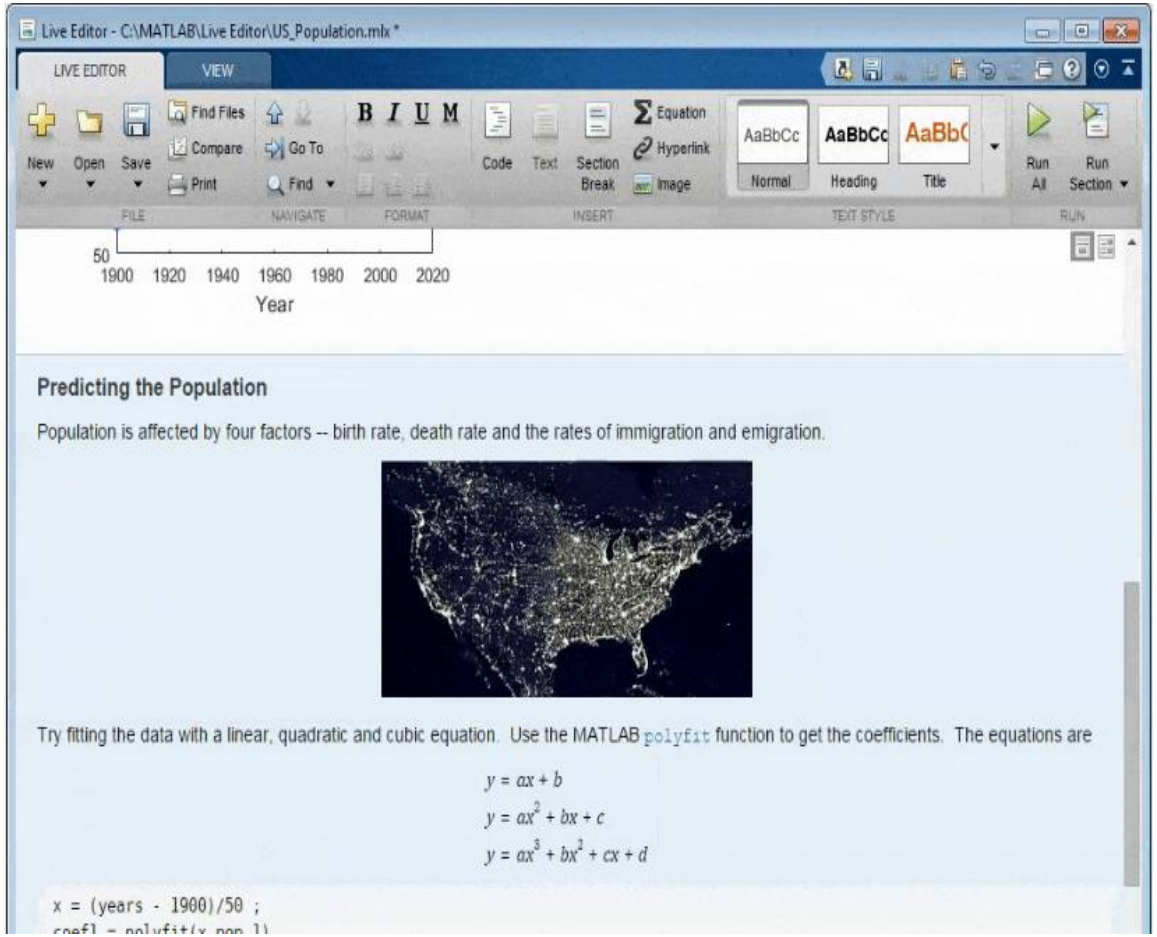

```
x = (years - 1900)/50 ;
coef1 = plyfit(x,pop,1)
coef2 = polyfit(x,pop,2)
coef3 = polyfit(x,pop,3)
```

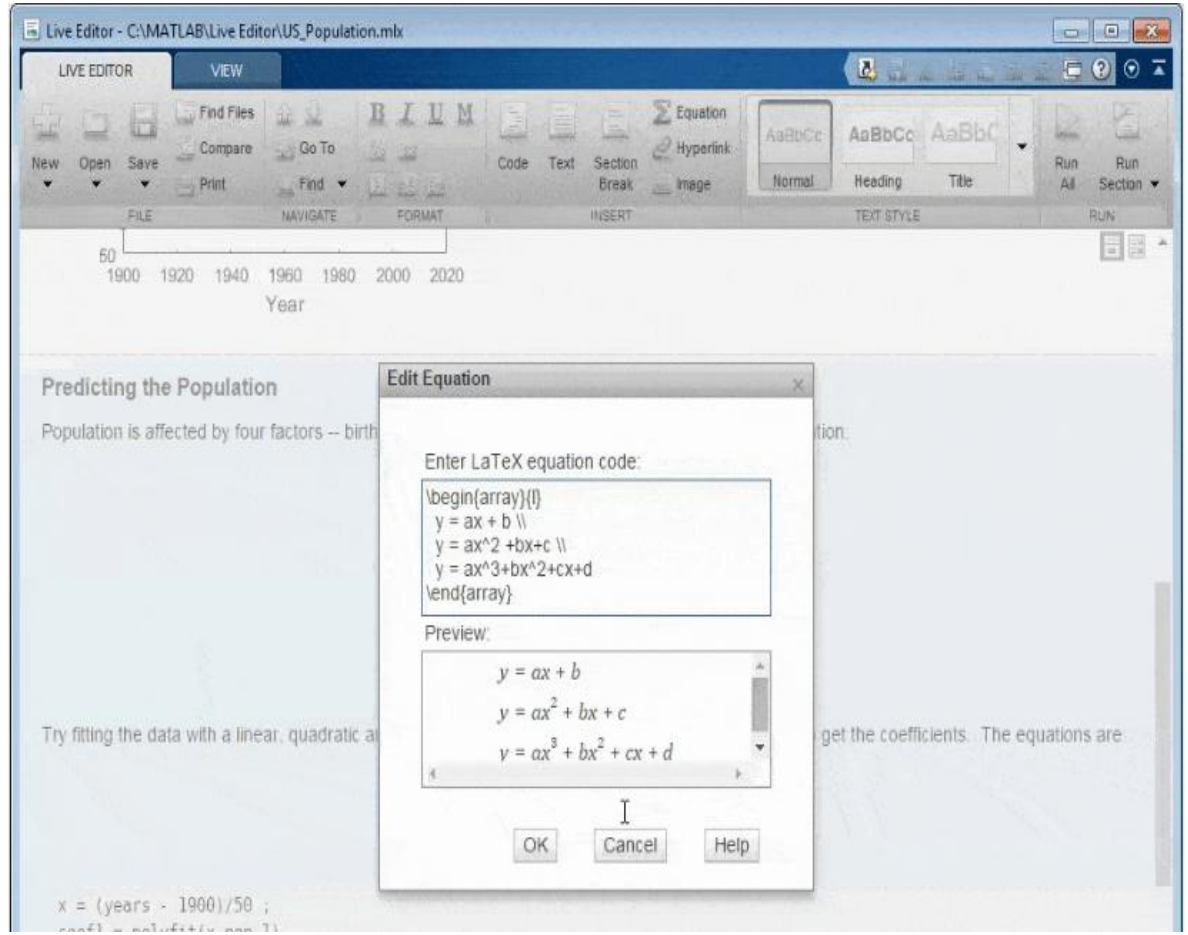
Undefined function 'plyfit' for input arguments of type 'double'.

♠ Formatted Text

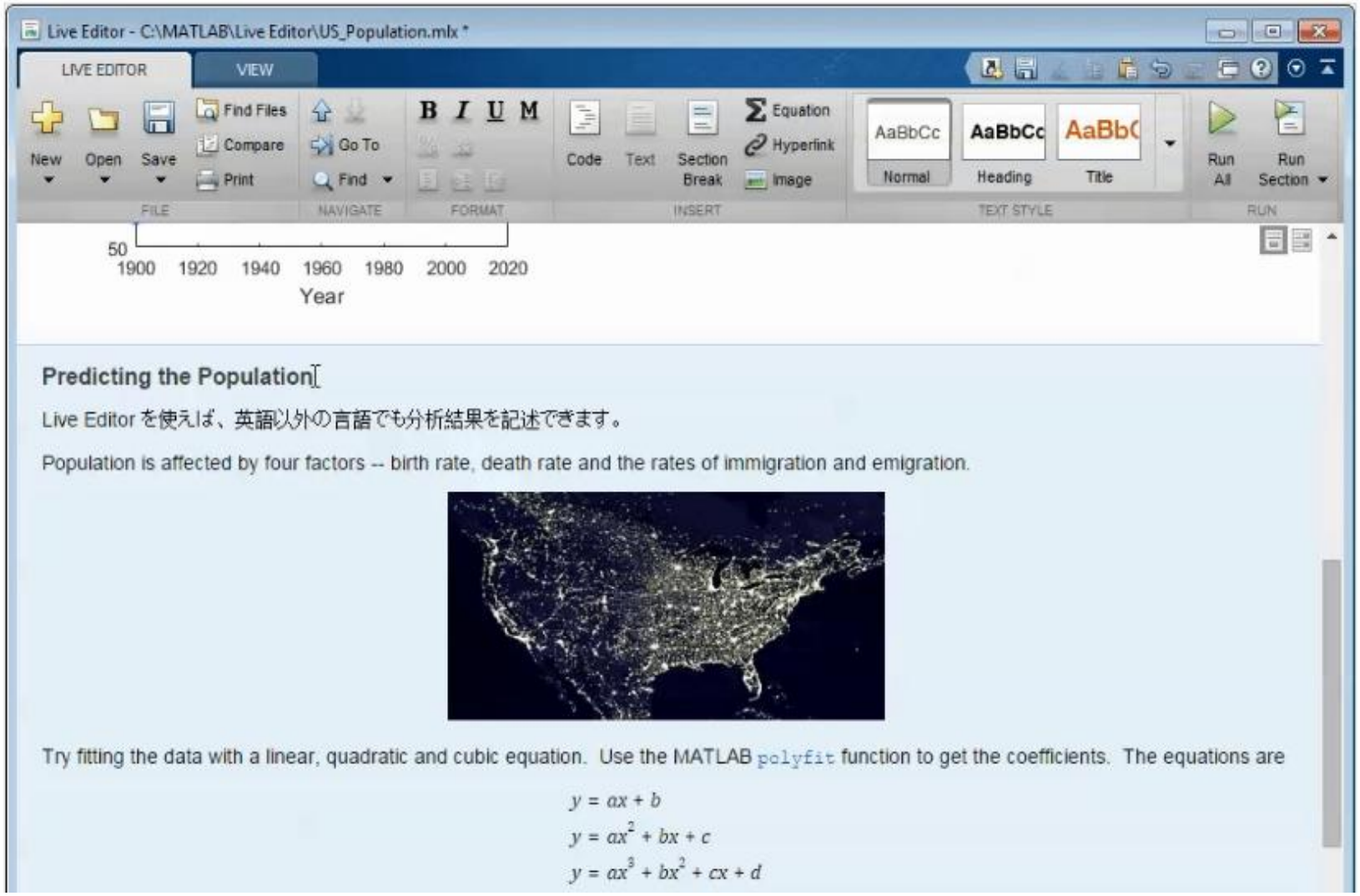


♠ Equations, Image, and Hyperlinks

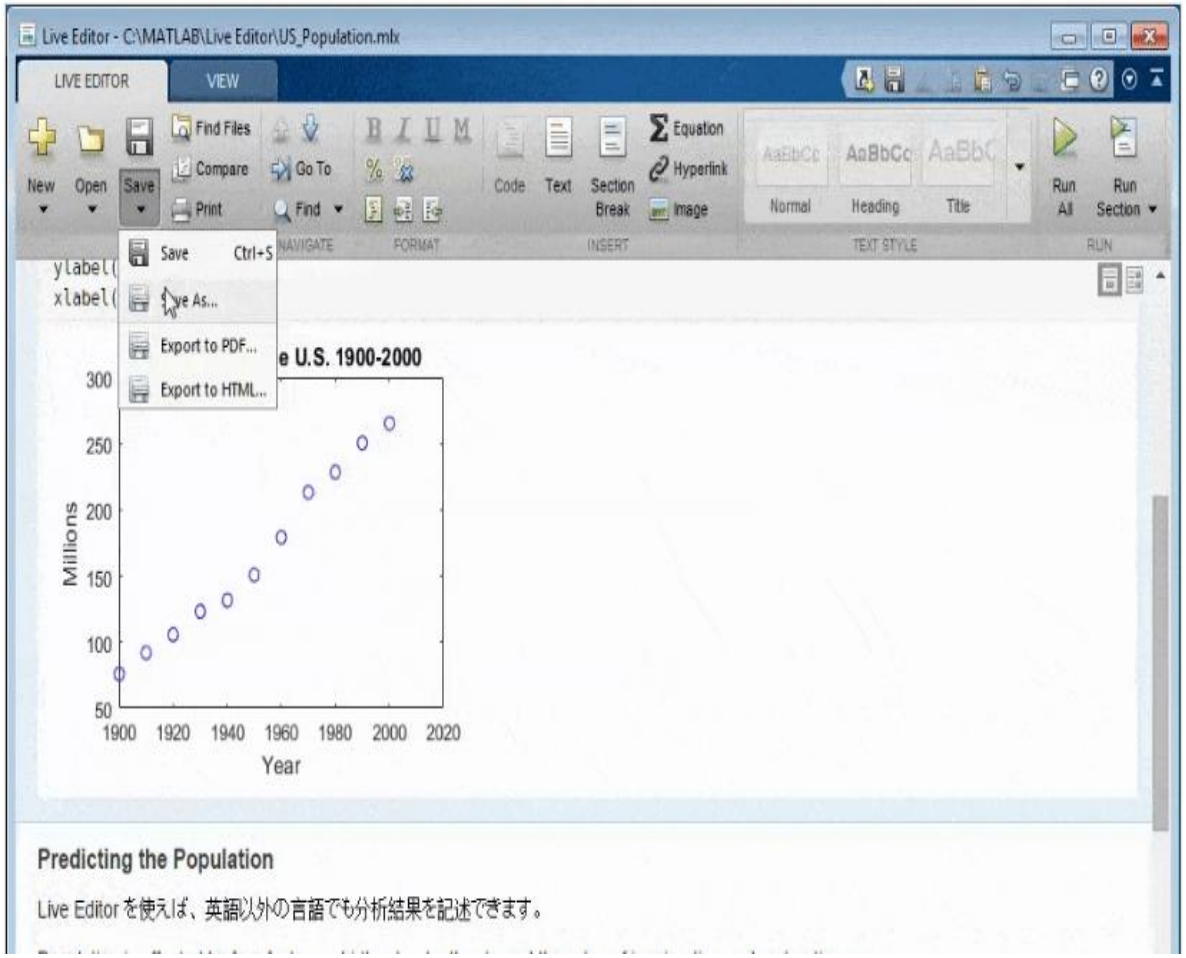


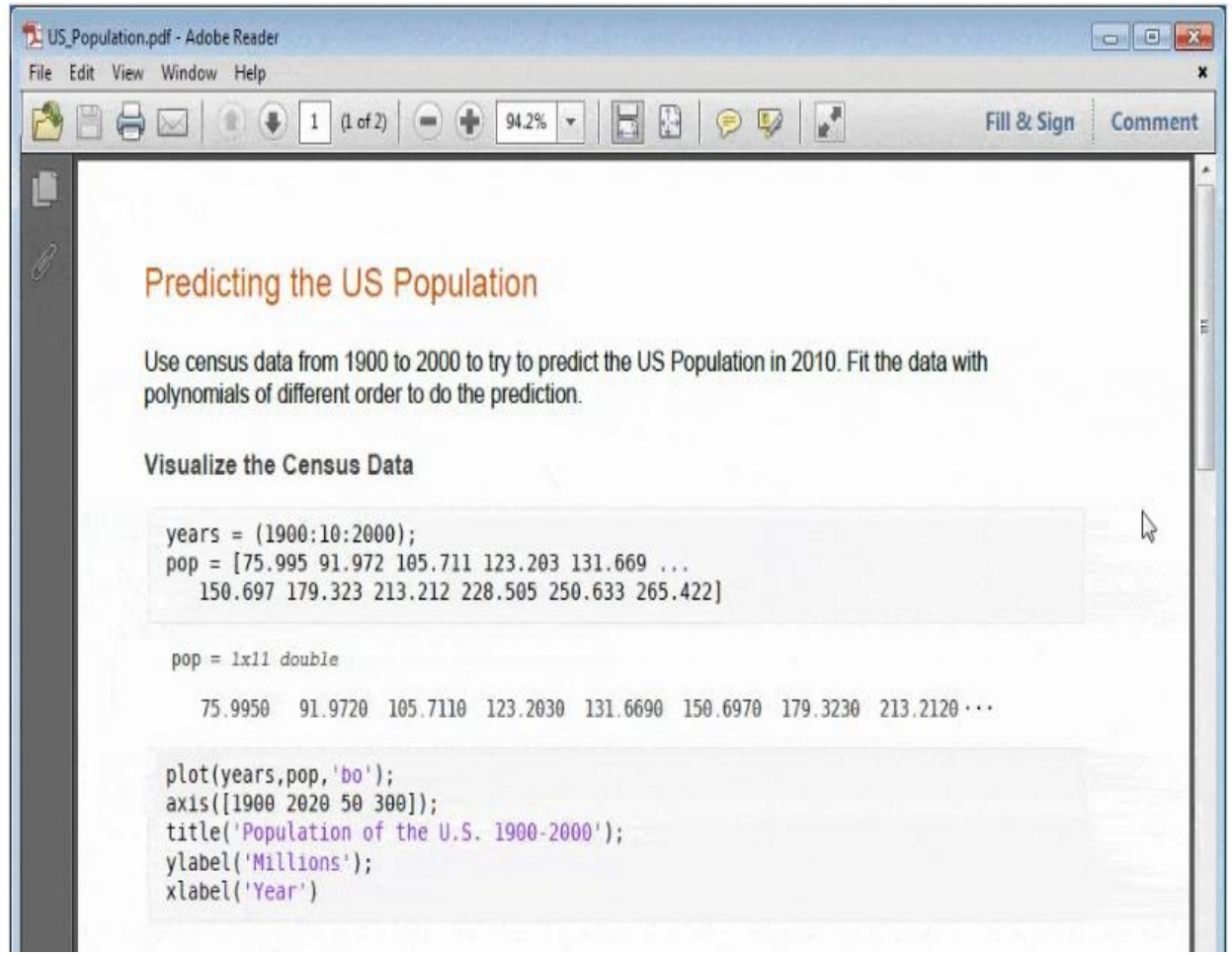


♠ Multilinqual Text



♠ Sharing and Publication





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