











































Wolfram's Work Data

Source: <https://writings.stephenwolfram.com/2023/03/will-ai-take-all-our-jobs-and-end-human-history-or-not-well-its-complicated/>

From an unknown data set, plot the pie chart that shows the distribution of data.

```

In[*]:= Legended[PieChart[#[[2]], ChartBaseStyle → {Opacity[.85], EdgeForm[GrayLevel[0, .3]]},
  ChartLabels →
    Callout[Style[#, 9, FontFamily → "Roboto Condensed"] & /@ Keys[#[[2]]], Automatic],
  ChartStyle →
    {, , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , , 
```

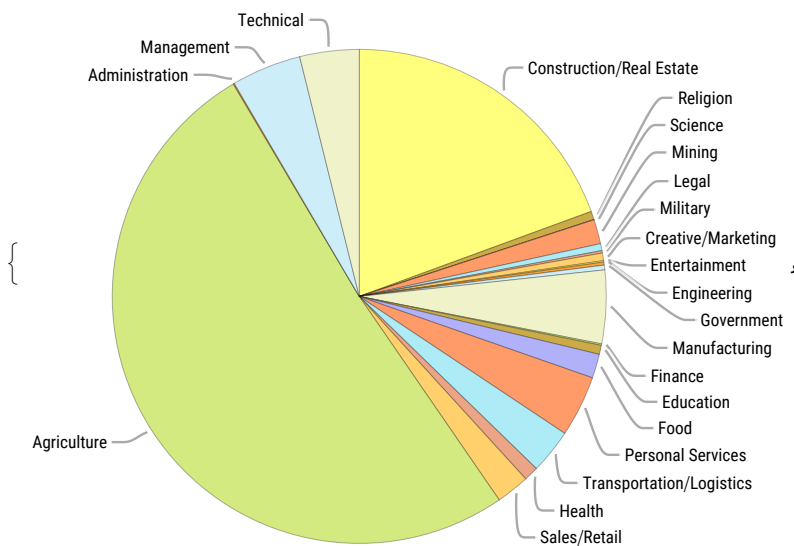
{...} | -

Head: List
Length: 4
Byte count: 11 208

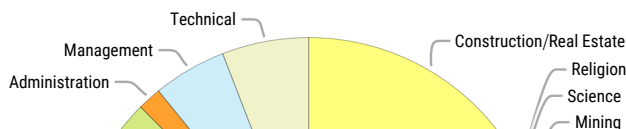
↕ ↕ Uniconize

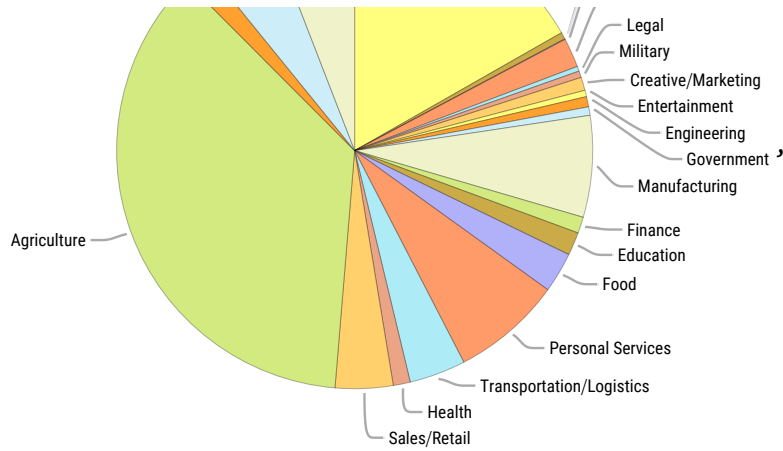
$Out[\bullet]=$

1850

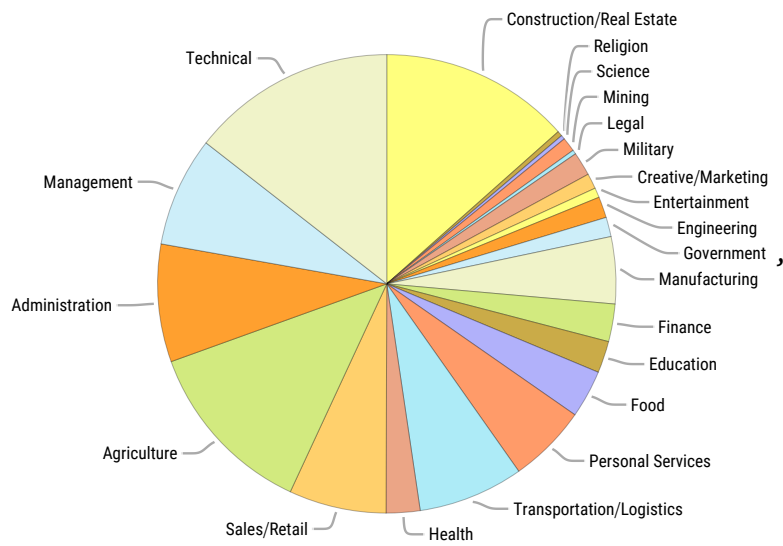


1900

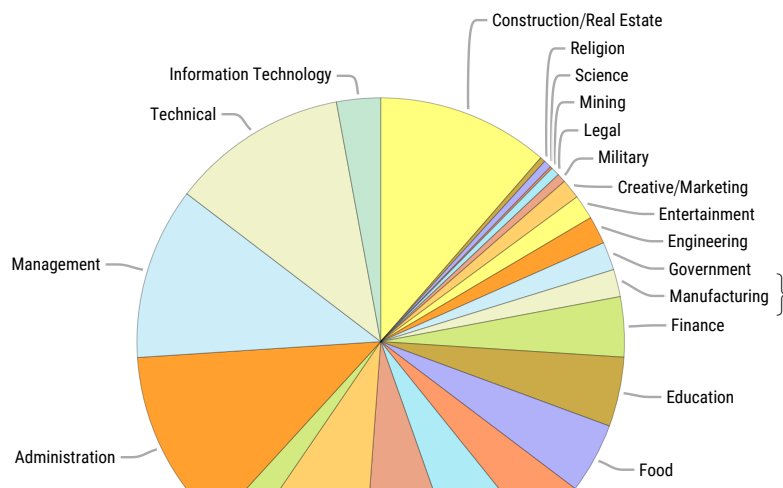


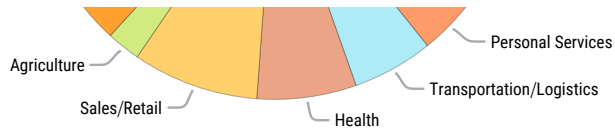


1950



2000



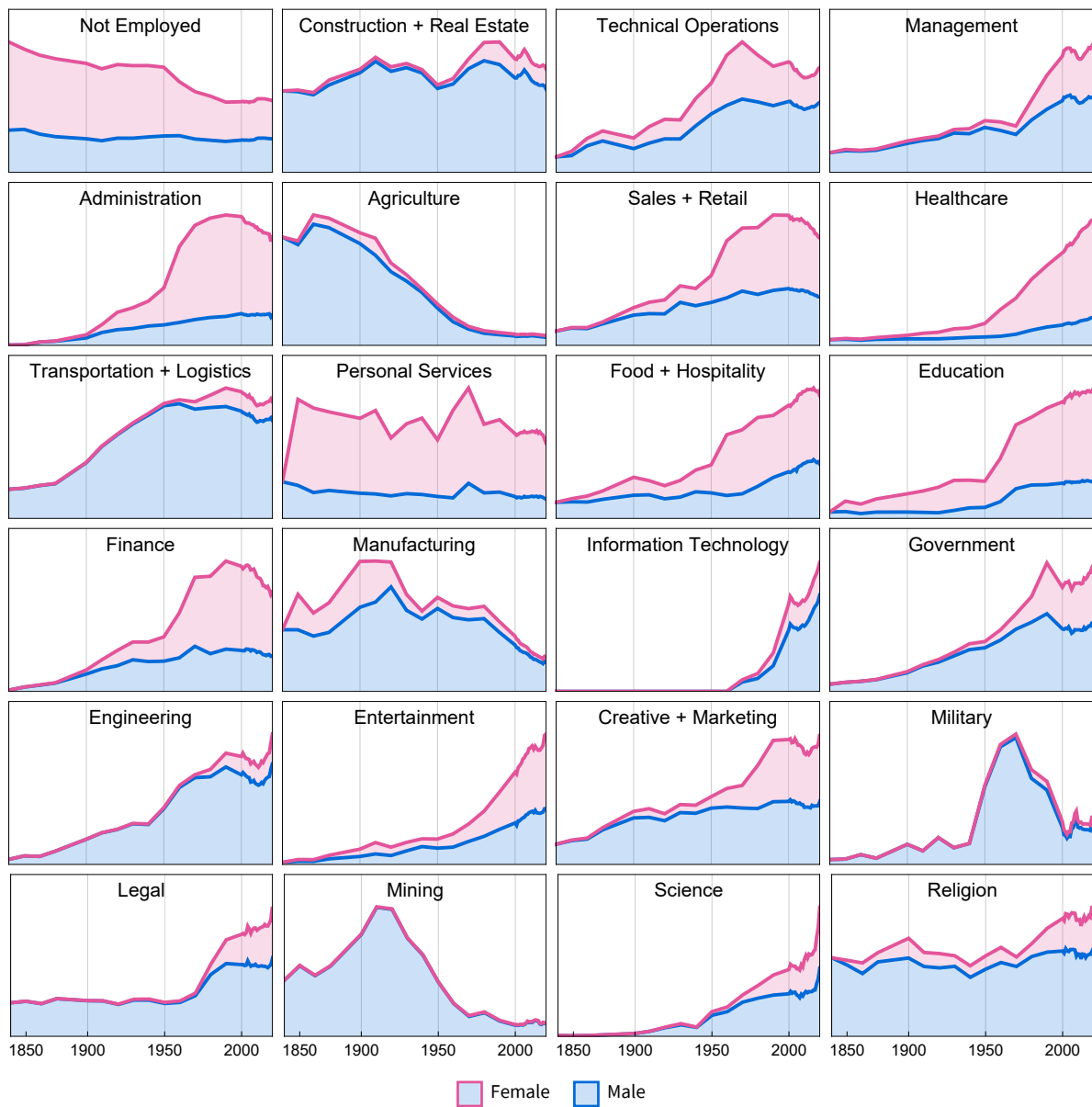


```

In[ ]:= Module[
  {percentageData, plots, legend},
  percentageData = [%] occupationsDataset ["PercentageData"];
  percentageData["it"] = [%] occupationsDataset ["Addendum"];
  percentageData = ReverseSortBy[percentageData,
    Total[Merge[Values[#], Mean]] &];
  plots = KeyValueMap[Function[{code, lineData, max},
    Legended[StackedListPlot[Values@lineData,
      FrameTicks → {
        {None, None},
        {If[MemberQ[{"le", "sc", "re", "mn"}, code],
          {{1860, 1850}, 1900, 1950, 2000}, None], None}},
      Frame → True, ImageSize → {150, Automatic},
      GridLines → {Range[1850, 2000, 50]},
      PlotRange → {{1850, 2020}, {0, All}},
      PlotRangePadding → {Automatic, {Automatic, Scaled[.2]}},
      PlotStyle → {█, █}], Placed[Style[
        Text@ [%] occupationsDataset [
          "MetaData", "Decode", code
        ], 11, FontFamily → "Roboto"], {Center, Top}]]
    ] [ #1, #2, N[(1 / 100) * (Ceiling[Max[#2] 100] + 4)] ] &,
    percentageData];
  legend = Grid[{MapThread[Row[{
    Graphics[{EdgeForm[{#1, Thickness[.1]}
    ], █, Rectangle[]], ImageSize → 15],
    Style[#2, FontFamily → "Source Sans Pro", FontSize → 11]}] &,
    {{█, █}, {" Female", " Male"}]}],
    Spacings → {1, 1}, ItemSize → Automatic,
    Frame → All, FrameStyle → RGBColor[1, 1, 1, 0]];
  Grid[{{Grid[{Column /@ Transpose@Partition[
    plots, 4}], Alignment → Top]}, {legend}}]
]

```

Out[*]=

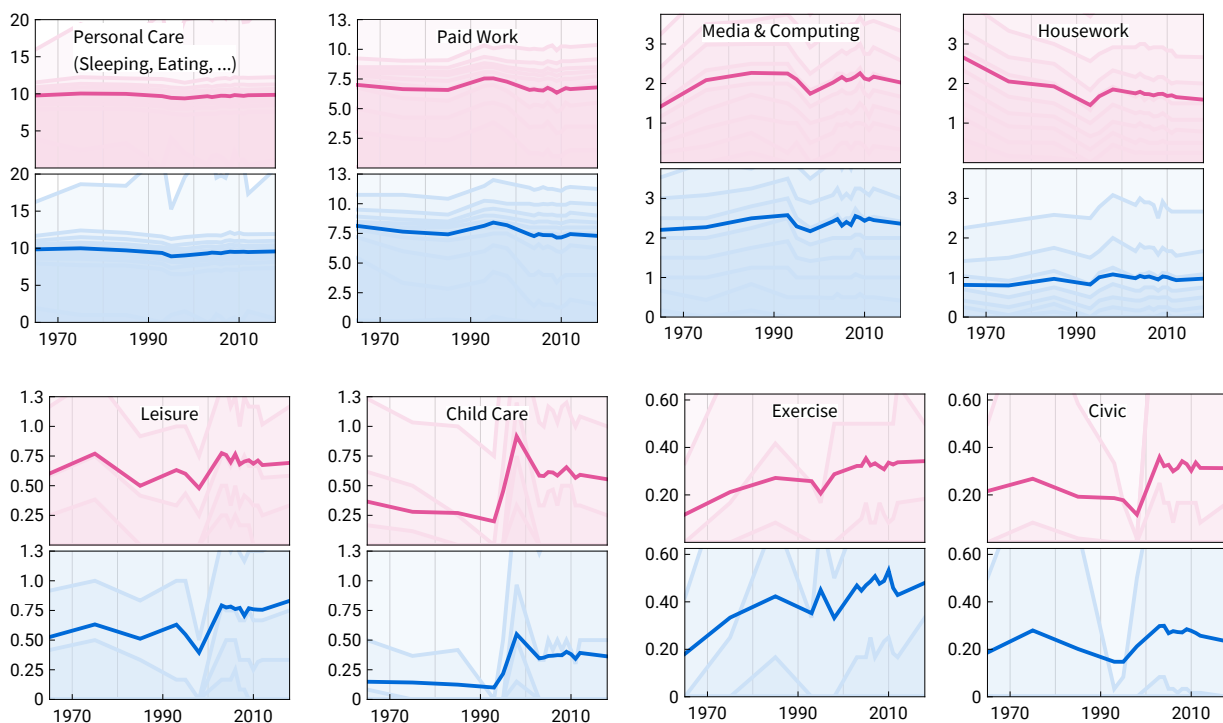


```

In[ ]:= With[{graphFun = TimeUseGraphs [
  timeUseDataset ["ProcessedData", "Paid", "Mean"],
  timeUseDataset ["ProcessedData", "Paid", "Background"],
  timeUseDataset ["MetaData", "KeySort"],
  timeUseDataset ["MetaData", "Decode"],
  {16, 10, 3, 3, 2, 1, 1, .5, .5}]}],
Grid[Riffle[
  Partition[graphFun["F", #], UpTo[5]],
  Partition[graphFun["M", #], UpTo[5]]
], Alignment -> Left,
Spacings -> {{1, 1, 1}, {1.5, -.25, 1.5, -.25}}
]]

```

Out[]:=



```

In[ ]:= With[{graphFun = [ ] TimeUseGraphs [
  [ ] timeUseDataset ["ProcessedData", "Unpaid", "Mean"],
  [ ] timeUseDataset ["ProcessedData", "Unpaid", "Background"],
  [ ] timeUseDataset ["MetaData", "KeySort"],
  [ ] timeUseDataset ["MetaData", "Decode"],
  {18, 10, 5, 5, 2, 2.5, 1.5, 1.5, 1} ]}],
Grid[Riffle[
  Partition[graphFun["F", ■], UpTo[5]],
  Partition[graphFun["M", ■], UpTo[5]]
], Alignment → Left,
  Spacings → {{1, 1, 1}, {1.5, -.25, 1.5, -.25}}
] ]

```

Out[]:=

