```
"cells": [
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "<center>\n",
         <img src=\"https://cf-courses-data.s3.us.cloud-object-</pre>
storage.appdomain.cloud/IBMDeveloperSkillsNetwork-DS0105EN-
SkillsNetwork/labs/Module2/images/SN web lightmode.png\" width=\"300\"
alt=\"cognitiveclass.ai logo\">\n",
    "</center>\n"
   ]
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "#### Add your code below following the instructions given in the
   1
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
   "# Data Science Tools and Ecosystem"
   1
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
   "## Author n",
   "Victoria Dixon "
   1
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "For this notebook, we will be summarizing the tools and ecosystem of
Data Science. "
  ]
  },
   "cell type": "markdown",
   "metadata": {},
   "source": [
    "**Objectives:**\n",
    "* Popular languages in Data Science \n",
    "* Libraries commonly used by Data Scientists\n",
    "* Data Science Tools\n",
    "* Evaluating Arithmetic using Python "
```

```
]
  },
  "cell type": "markdown",
   "metadata": {},
   "source": [
   "Some of the popular languages in Data Science are:\n",
   "1. Python\n",
   "2. R\n",
   "3. SQL\n",
   "4. Java"
  1
  },
  "cell type": "markdown",
  "metadata": {},
   "source": [
   "Libraries commonly used by Data Scientists:\n",
   "1. Pandas\n",
   "2. TendsorFlow\n",
    "3. ggPlot\n",
   "4. NumPy\n",
   "5. Matplotlib"
  ]
  },
  "cell type": "markdown",
   "metadata": {},
   "source": [
   "| Data Science Tools |\n",
   "|----|\n",
   "| RStudio |\n",
    "| Spyder |\n",
   "| Visual Studio Code |"
  ]
 },
  "cell_type": "markdown",
  "metadata": {},
   "source": [
   "### Here are a few examples of evaluating arithmetic expressions in
Python:\n"
  ]
 },
  "cell_type": "markdown",
  "metadata": {},
  "source": [
   "This a simple arithmetic expression to mutiply then add integers"
  ]
 },
  "cell_type": "code",
   "execution count": 2,
```

```
"metadata": {
   "tags": []
  "outputs": [
    "data": {
     "text/plain": [
      "17"
     ]
    } ,
    "execution count": 2,
    "metadata": {},
    "output type": "execute result"
   }
  ],
  "source": [
   "(3*4)+5"
  ]
 },
  "cell_type": "markdown",
  "metadata": {},
  "source": [
   "This expression will convert 200 minutes to hours by dividing by 60
(seconds)"
  ]
 },
  "cell type": "code",
  "execution count": 3,
  "metadata": {
   "tags": []
  "outputs": [
    "data": {
     "text/plain": [
     "3.333333333333333
     ]
    "execution count": 3,
    "metadata": {},
    "output type": "execute_result"
   }
  ],
  "source": [
   "200/60\n"
  ]
 },
  "cell type": "code",
  "execution count": null,
  "metadata": {},
  "outputs": [],
```

```
"source": []
 }
],
 "metadata": {
 "kernelspec": {
 "display_name": "Python",
  "language": "python",
  "name": "conda-env-python-py"
 "language_info": {
  "codemirror_mode": {
   "name": "ipython",
   "version": 3
  "file extension": ".py",
  "mimetype": "text/x-python",
  "name": "python",
  "nbconvert_exporter": "python",
  "pygments lexer": "ipython3",
  "version": "3.7.12"
 }
},
"nbformat": 4,
"nbformat_minor": 4
}
```