1 Data Science EcoSystem

2) Data science ecosystem refers to a complex network of data sources, users, processes, and analytic tools that interact with each other to generate, store, manage, and consume data

4) Data Science Library

- Numpy
- Pandas
- Matplotlib
- Keras
- SciPy
- TensorFlow
- Scikit-learn
- PyTouch
- Scrapy
- BeautifulSoup

5) Data Science Tools

Python	Machine Learning	Data	
e Scik	SciPy	PyTouch	0
Knime	Weka	SAS	
Tableau	Apache Spark	Apache Hadoop	
Julia	Jupyter Notebook	0	

Arithmetic Expression

24 * 34

ARITHMETIC EXPRESSION WITH CODE

```
In [4]:  356 * 5 + 54
```

```
Out[4]:  1834
```

Minutes to Hour

- Convert 700 minutes to hour

```
In [7]: 700/60
```

```
Out[7]: 11.666666666666666
```

Objectives

- Predictive
- Data Exploration
- Data Storytelling
- Business Insight
- Process Automation
- Data Quality
- Data Visualization
- Data Mining
- Machine Learning

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