Commonly Used Software Packages

Data scientists and machine learning engineers in healthcare commonly use these software packages and libraries:

- **django**
- **Flask**
- **jupyter**
- **Keras**
- **matplotlib**
- **NumPy**
- **pandas**
- **PyTorch**
- **Scikit-learn**
- **SciPy**
- **TensorFlow**
- **XGBoost**

**Common Healthcare Use Cases**

Enterprise healthcare practitioners are applying data science and machine learning to tackle some of their most challenging business problems. Python’s vast number of libraries allow access to the most innovative tools and techniques, while meeting the safety and security standards of HIPAA and other government regulations.

- Care delivery
- Chronic care management
- Clinical decision support
- Data management
- Diagnostics
- Digital pathology
- Disease forecasting
- Disease research and treatment
- Drug development
- Emergency dispatch optimization
- Genetic medicine
- Healthcare equity
- Improvements
- Medical imaging analysis
- Patient self-care and wellness
- Telemedicine capabilities
ANAconda For Healthcare

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- Easy account provisioning and management across the enterprise
- Enterprise-ready support

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