Informal Starting Lists for Site Content

Homepage elements:

- Getting Started: installation; short overviews on topics such as 2D/3D plotting, ML, and neural network training
- Ecosystem topic areas such as “visualization” and “data science”
- Community
- About Us
    - Awards
    - Diversity
- Events
- Success Stories: use cases from industry, academia, education
- Communication, mailing lists
- Sponsors: “How do I sponsor packages in the PyData ecosystem?”

Project page elements (e.g., NumPy):

- Install
- About Us
- Community
- Links to documentation for beginning users, advanced users, educators, packagers, and others
- Events

Project sites could also have links to Learning, Blog Posts, Sponsors, Support, and project-specific information such as Array Computing for NumPy.

Audiences:

- Beginning users, new to programming or new to Python
- Advanced users, such as developers using distributed computing
- Scientists
- Data scientists
- Researchers
- Domain experts, such as biologists, astrophysicists, and mathematicians
- Educators
- Community-level audiences:
    - Packagers
    - Authors of packages that depend on NumPy
- Funding sources

PyData ecosystem components: SciPy, NumPy, Matplotlib, JupyterLab, IPython, Matplotlib, pandas, Bokeh, PhosphorJS, and the Scikits

Interest areas:

- Visualization
- Statistics
- Data science, machine learning
    - Lifecycle steps such as data acquisition, ETL/wrangling, data storage and retrieval, featurization, and modeling
    - Analytic domains such as text processing, neural networks, NLP, advanced mathematical operations, statistical computing, and image processing
- Subject area domains such as life sciences, social sciences, and computational thinking
- Interactive development environments (“IDEs”) and notebooks
- Educational Outreach
- Interoperability with other packages
- High Performance Computing
- Building, testing, packaging, and versioning tools