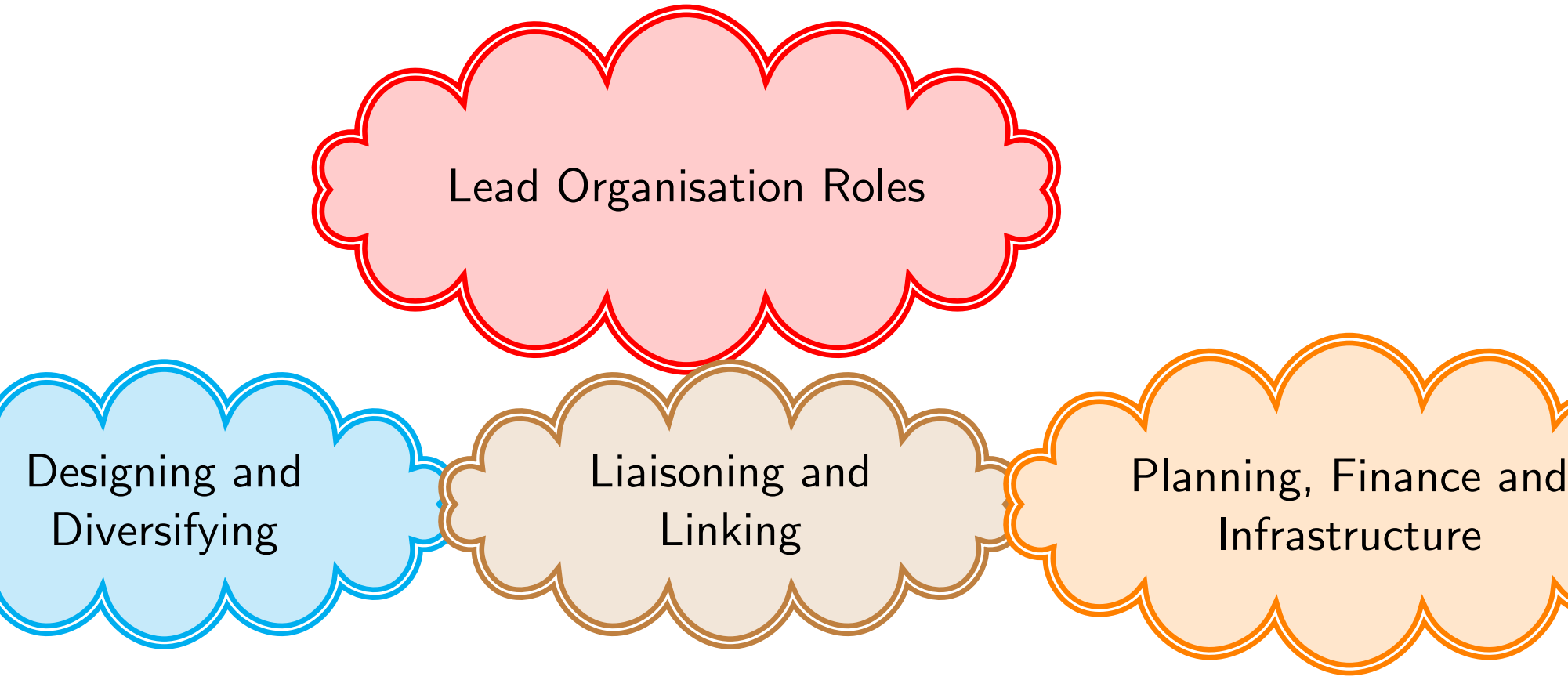
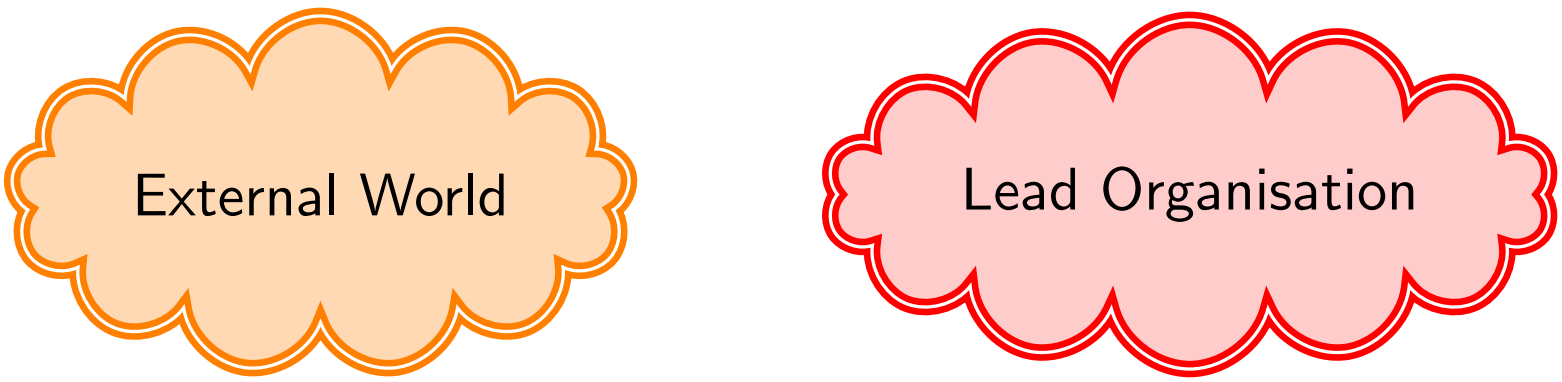
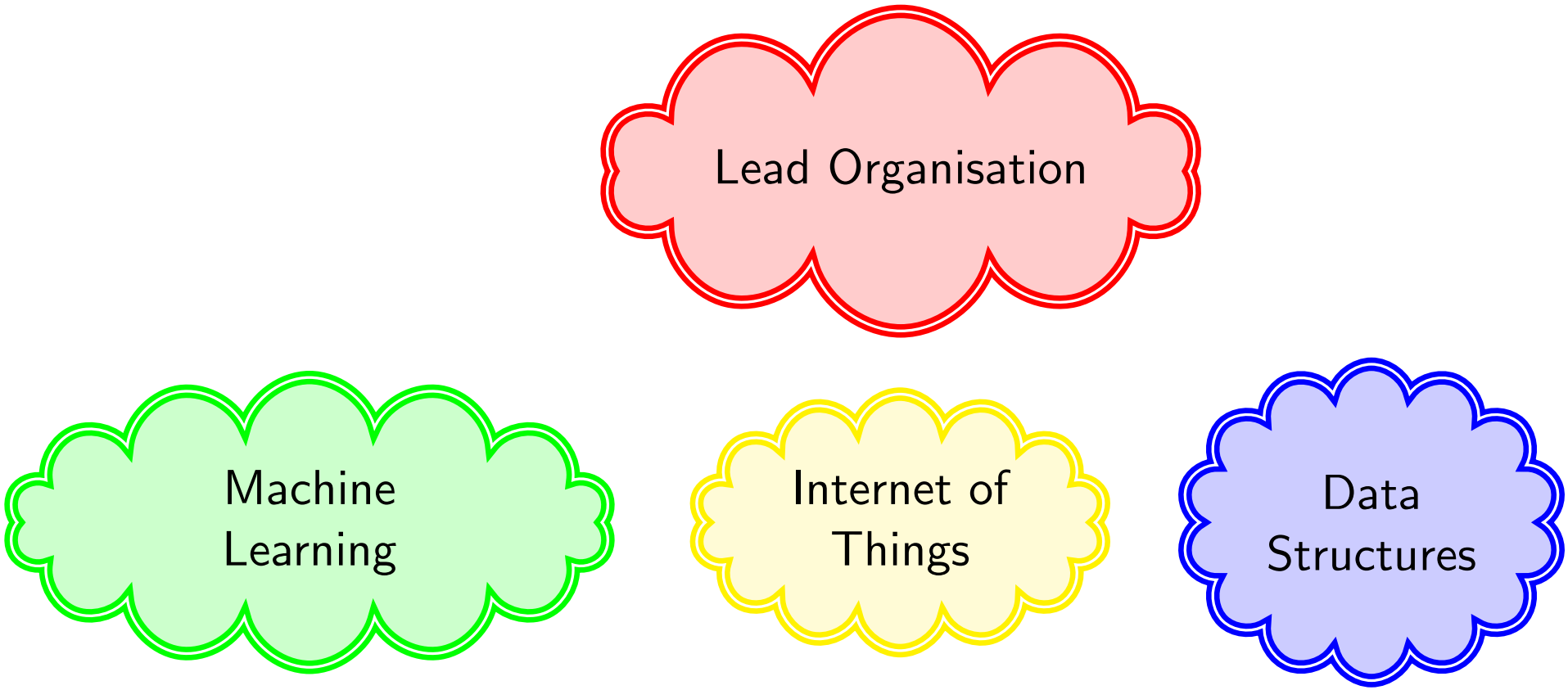
Online Training Project



(a) Networking



(b) Operations



Manpower Requirements Summary

ML/IoT/DS (1000 participants each)

- Project (Top level)
  - Project Designer - 01
  - Project Coordinator - 01
  - Personnel and Finance - 01
  - Software Support - 02
- Three Programs with 1000 participants each
  - Course Instructors (8 hrs/week) - 1:250 - 12 nos
  - Program Mentors (24 hrs/week) - 1: 125 - 24 nos
  - Program Associates (24 hrs/week) - 1:300 - 10 nos

Manpower Requirements - Lead Organisation

HUMAN RESOURCE REQUIREMENT - Project

Project Designer

- Essential Qualification
  - PhD in Engineering or Humanities
- Job Profile
  - Defines objectives, identifies and evaluates trends and options, chooses a course of action, and evaluates outcomes.
  - Diversifies capabilities to other domains, innovating with program designs
  - Establishes new relationship with target institutions
- Preferred Experience
  - Exposure in Education Sector
- Work-hour requirements per week
  - Twenty to Twenty-four

Project Coordinator

- Essential Qualification
  - Post-graduation in Engineering or Humanities
- Job Profile
  - Supervises and monitors ongoing tasks/projects
  - Accomplishes key objectives by managing staff, planning and evaluating activities.
  - Accomplishes staff results by communicating job expectations - planning, monitoring, and appraising job results.
- Preferred Experience
  - Exposure in Education Sector
- Work-hour requirements per week
  - Twenty to Twenty-four

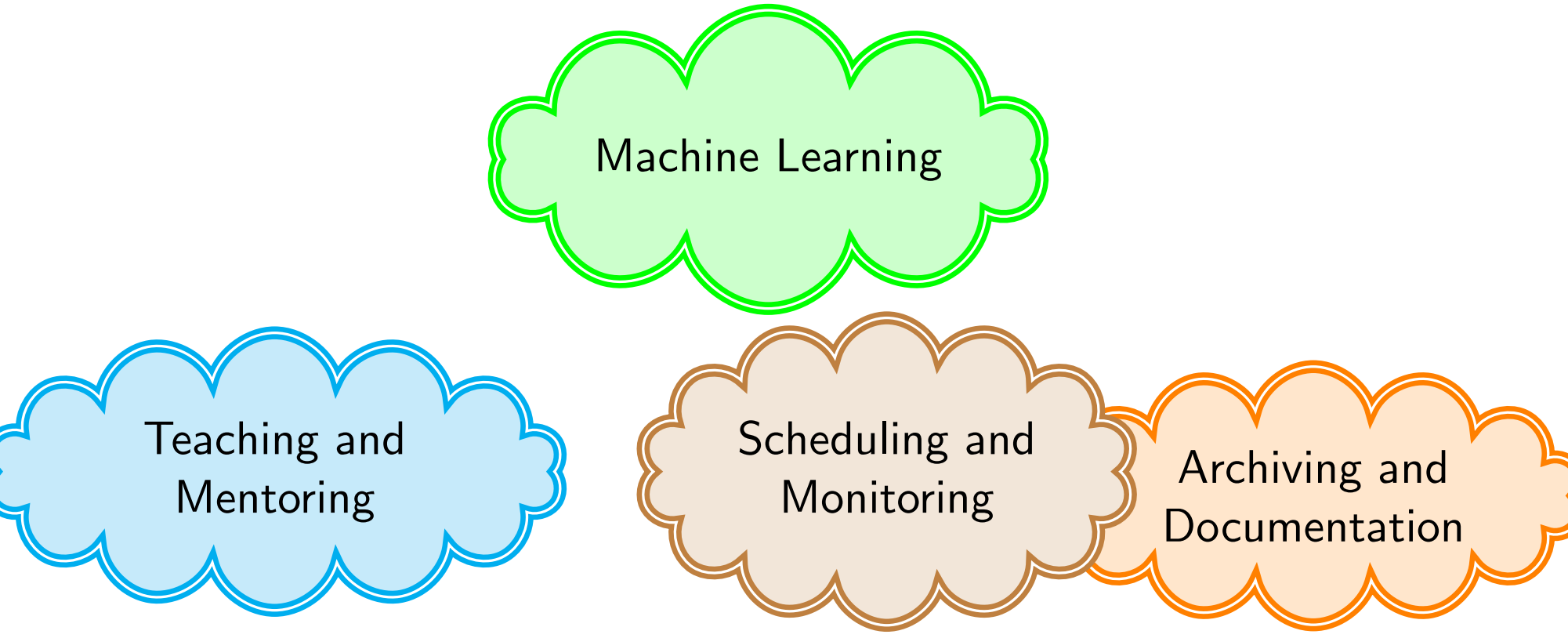
Personnel and Finance Coordinator

- Essential Qualification
  - Post-graduation in Engineering or Humanities
- Job Profile
  - Ensures a safe, secure, and legal work environment.
  - Coaches, counsels, and motivates employees.
  - Develops, coordinates, and enforces systems, policies, procedures, and productivity standards.
  - Accomplishes financial objectives by forecasting requirements, preparing an annual budget, scheduling expenditures, analyzing variances, and initiating corrective actions.
- Preferred Experience
  - Exposure in Education Sector
- Work-hour requirements per week
  - Thirty or more

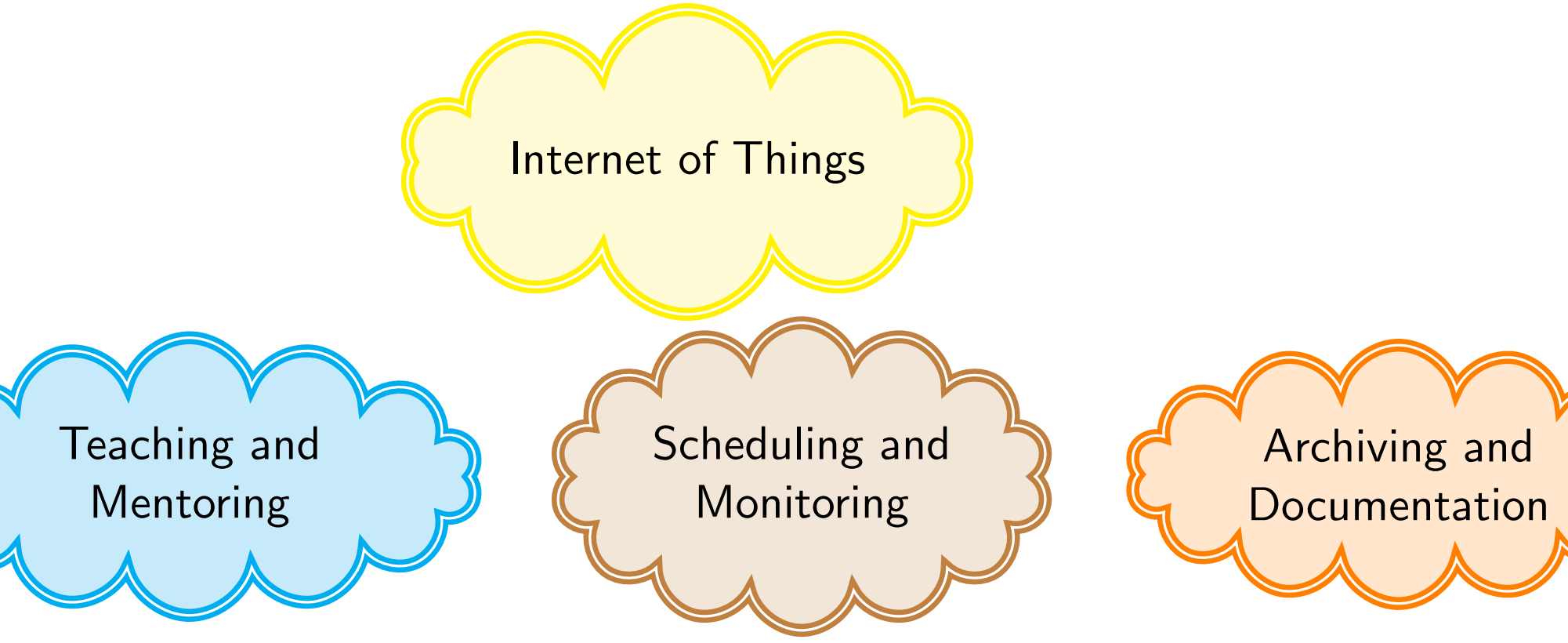
Software Programmer

- Essential Qualification
  - Proficiency in Software Development
- Preferred Skills
  - Ability to identify and automate tasks
  - Ability to work with databases, backups
  - Aesthetic sense in design of templates
  - Ability to generate reports and summarise
  - Exposure in education sector
- Work-hour requirements per week
  - Twenty to Twenty-four

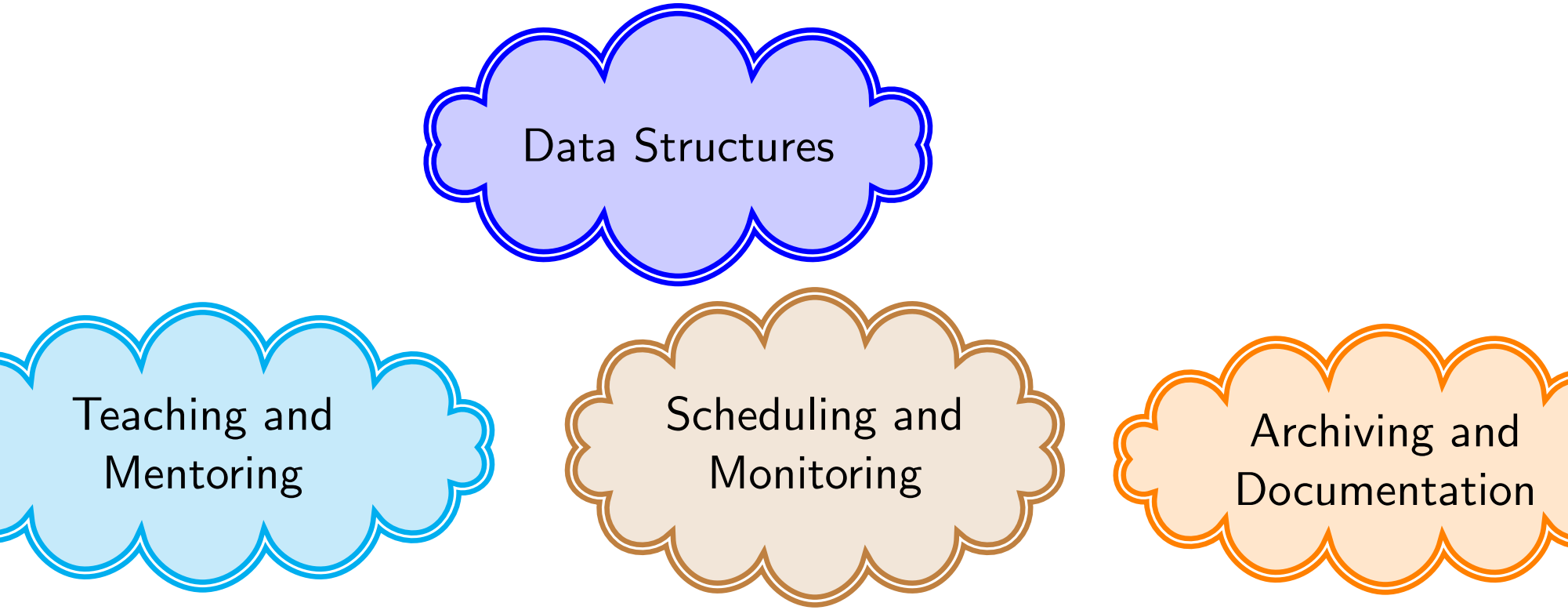
Machine Learning



Internet of Things



Data Structures



Manpower Requirements

DOMAIN SPECIFIC REQUIREMENTS

Course Instructors

- Domain Experts for Machine Learning, IoT and Data Structures
  - From IIIT
  - Other Institutions
- Man-hour requirements per week
  - Thirty to Thirty-six (during curriculum design phase)
  - Twelve to Fifteen (during course design and content development phase)
  - Six to Eight (during project execution phase)

Program Mentor

- Essential Qualification
  - Graduates in Engineering, with proficiency in Machine Learning
- Preferred Skills
  - Communication skills (oral and written)
  - Scheduling events
  - Assessment skills
  - Troubleshooting abilities
- Work-hour requirements per week
  - Twenty to Twenty-four

Program Associate - Logistics and Scheduling

- Essential Qualification
  - Graduates in Engineering, with knowledge of Machine Learning
- Preferred Skills
  - Excellent coordination skills
  - Plan, monitor and evaluate events
  - Identify weak spots
  - Monitor events and assess progress
  - Design and implement quality parameters
- Work-hour requirements per week
  - Sixteen to Twenty

Program Associate - Content Administration

- Essential Qualification
  - Graduates in Engineering, with knowledge of Machine Learning
- Preferred Skills
  - Excellent coordination skills
  - Ability to execute and debug exercises
  - Manage content distribution and archiving with backup plans
  - Knowledge of operating online meeting tools
  - Design and implement quality parameters
- Man-hour requirements per week
  - Sixteen to Twenty

Program Associate - Technical Writer

- Essential Qualification
  - Graduates with exposure to specialist domain
- Preferred Skills
  - Excellent writing skills
  - Ability to transcribe and create working draft documents
  - Some experience in industry
- Man-hour requirements per week
  - Sixteen to Twenty