Below is an example of a detailed weekly, daily, and hourly learning plan that you can import into your Google Calendar (or convert into an Excel sheet). This timetable blends AI/ML research & development with data science studies, and it’s designed around your 8–5 work schedule (with about 2–3 hours of free time during work) plus morning exercise, church, and downtime. (The schedule starts tomorrow.) You can adjust exact times/days as needed.

### **Overview of the Weekly Focus**

* Monday:  
  – Focus: Data Manipulation & Analysis, Mathematics Review  
  – Key Resources: Pandas tutorials (from the [Pandas Documentation](https://pandas.pydata.org/)), “Mathematics for Machine Learning” (book)
* Tuesday:  
  – Focus: Data Visualization & Introductory Machine Learning  
  – Key Resources: Seaborn Tutorial, “Storytelling with Data”, Andrew Ng’s Machine Learning Course (Coursera)
* Wednesday:  
  – Focus: Machine Learning Fundamentals & Data Science for AI (feature engineering, EDA)  
  – Key Resources: Andrew Ng’s ML Course, “Python Data Science Handbook”
* Thursday:  
  – Focus: Advanced ML Topics & Deep Learning Foundations  
  – Key Resources: Kaggle’s Machine Learning Micro-Course, Deep Learning Specialization (Coursera)
* Friday:  
  – Focus: Model Evaluation, Deployment, and GitHub project work  
  – Key Resources: MLOps course (Andrew Ng’s ML Engineering for Production), Hugging Face deployment guides
* Saturday:  
  – Focus: Deep Dive Sessions (Advanced Deep Learning/ Reinforcement Learning, research paper review, and project work)  
  – Key Resources: CS231n videos, OpenAI Spinning Up, arXiv research papers
* Sunday:  
  – Focus: Church, Weekly Review, Revision, and Planning next week’s projects  
  – Key Resources: (Review notes from all previous sessions, catch-up on any missed content)

### **Detailed Daily Schedule**

Below is a sample timetable. (All times are approximate; adjust to your preferences.)  
The plan assumes you wake at about 5:30–6:00 am, exercise in the morning, work from 8:00 am to 5:00 pm, and sleep at 10:00 pm. You also have roughly 2–3 hours of free study time during your workdays (lunch breaks or quiet work intervals).

Note: Copy the following table into Excel (or directly into your calendar app) as a template for your recurring weekly events. Adjust dates and times as needed.

#### **Weekly Timetable Template**

| **Time Slot** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | **Saturday** | **Sunday** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 5:30–6:30 am | Wake Up & Exercise(Morning jog/gym) | Wake Up & Exercise | Wake Up & Exercise | Wake Up & Exercise | Wake Up & Exercise | Wake Up & Exercise | Wake Up & Exercise |
| 6:30–7:30 am | Breakfast & Daily Review | Breakfast & Daily Review | Breakfast & Daily Review | Breakfast & Daily Review | Breakfast & Daily Review | Breakfast & Leisure | Breakfast |
| 7:30–8:00 am | Commute/Prep for Work | Commute/Prep for Work | Commute/Prep for Work | Commute/Prep for Work | Commute/Prep for Work | Leisure/Personal Time | Church Prep (if needed) |
| 8:00 am–12:00 pm | Work HoursDuring breaks, use 1–1.5 hours for study:• Topic: Data Manipulation & Analysis using Pandas• Resource: [Pandas Docs Tutorials](https://pandas.pydata.org/) | Work HoursBreak study:• Topic: Data Visualization fundamentals• Resource: [Seaborn Tutorial](https://seaborn.pydata.org/) | Work HoursBreak study:• Topic: ML Fundamentals• Resource: Andrew Ng’s ML Course (Coursera) | Work HoursBreak study:• Topic: Advanced ML (Ensemble Methods)• Resource: Kaggle ML Micro-Course | Work HoursBreak study:• Topic: Exploratory Data Analysis (EDA)• Resource: Kaggle competitions | Study Session: 9:00–12:00• Topic: Deep Learning Specialization / CS231n• Resource: CS231n videos | Church (8:00–10:00 am)Then, catch-up study: • Topic: Weekly Review & Notes |
| 12:00–1:00 pm | Lunch Break Study:Review Data Manipulation concepts and solve practice problems. | Lunch Break Study:Review data viz examples; try recreating visualizations. | Lunch Break Study:Review ML fundamentals (watch a video segment). | Lunch Break Study:Review advanced ML topics from Kaggle course modules. | Lunch Break Study:Quick EDA practice on a mini dataset. | Study Session: Reinforcement Learning (OpenAI Spinning Up)• Resource: [OpenAI Spinning Up](https://spinningup.openai.com/) | Study Session:10:30 am–12:00 pm, Weekly review & organize notes. |
| 1:00–5:00 pm | Work Hours / EmailsUtilize remaining free time for catch-up or light review if possible. | Work Hours / EmailsUse any extra time to review video lectures. | Work Hours / EmailsCatch up on readings or problem-solving tasks. | Work Hours / EmailsLight review or planning for evening sessions. | Work Hours / EmailsReview project notes or plan weekend tasks. | Project Work: 1:00–3:00• Topic: Kaggle competitions or personal projects. | Project Work/Catch-Up:Afternoon reserved for any unfinished work or extra revision. |
| 5:00–6:00 pm | Commute/Relax | Commute/Relax | Commute/Relax | Commute/Relax | Commute/Relax | Break/Free Time | Break/Family Time |
| 6:00–7:30 pm | Evening Study Session:• Topic: Mathematics Review (Linear Algebra/Calculus as in “Mathematics for Machine Learning”)• Resource: [Mathematics for Machine Learning](https://mml-book.github.io/) | Evening Study Session:• Topic: ML Fundamentals (continue Andrew Ng’s Course)• Resource: [Coursera ML by Andrew Ng](https://www.coursera.org/learn/machine-learning) | Evening Study Session:• Topic: Data Science for AI: Feature Engineering & EDA• Resource: Python Data Science Handbook by Jake VanderPlas | Evening Study Session:• Topic: Deep Learning Foundations• Resource: Deep Learning Specialization (Coursera) | Evening Study Session:• Topic: Model Evaluation & Deployment• Resource: MLOps (Andrew Ng’s course) / Hugging Face guides | Evening Study Session:• Topic: Research Paper Analysis & Advanced Deep Learning topics• Resource: arXiv papers, Deep Reinforcement Learning Hands-On | Evening Study Session:• Topic: Open Project/Revision or planning for next week.• Resource: Your personal project notes, GitHub work |
| 7:30–8:30 pm | Dinner & Relaxation | Dinner & Relaxation | Dinner & Relaxation | Dinner & Relaxation | Dinner & Relaxation | Dinner & Relaxation | Dinner & Relaxation |
| 8:30–9:30 pm | Late Evening Study:• Topic: Problem Solving/Math practice or coding exercises• Resource: LeetCode or practice problems from Kaggle | Late Evening Study:• Topic: Coding Practice (Kaggle mini-challenges)• Resource: Kaggle kernels and competitions | Late Evening Study:• Topic: Coding Practice / Small project coding• Resource: GitHub projects | Late Evening Study:• Topic: Research Paper Reading & Summarizing• Resource: arXiv abstracts & summaries | Late Evening Study:• Topic: GitHub Project Work• Resource: Your repository documentation | Evening Flex Time:Use for additional study or leisure as needed | Late Evening:• Topic: Planning next week / light review |
| 9:30–10:00 pm | Wind Down & Prepare for Sleep | Wind Down & Prepare for Sleep | Wind Down & Prepare for Sleep | Wind Down & Prepare for Sleep | Wind Down & Prepare for Sleep | Wind Down & Prepare for Sleep | Wind Down & Prepare for Sleep |
| 10:00 pm | Sleep | Sleep | Sleep | Sleep | Sleep | Sleep | Sleep |

### **How to Use This Timetable**

1. Importing to Google Calendar:  
   – You can create recurring events in your calendar by copying the time blocks (for example, “Evening Study: Mathematics Review” every Monday from 6:00–7:30 pm).  
   – Use the “Description” field to add resource links (e.g., link to the “Mathematics for Machine Learning” website or your preferred video lecture).
2. Excel Version:  
   – Open Excel and create a new sheet.  
   – Use the table above as a template by setting columns for days (Monday to Sunday) and rows for time slots.  
   – Fill in each cell with the activity, topic, and resource details.  
   – Save the sheet as a CSV or Excel file to reference on your mobile device or print.
3. Flexibility:  
   – You have dedicated study time during work hours (lunch breaks) and longer sessions in the evenings and weekends.  
   – Adjust sessions based on your progress or any extra commitments (such as additional church activities or family time).
4. Personalization:  
   – Since you already have basic Python skills, you can dive straight into data manipulation and machine learning courses.  
   – Review your progress weekly and shift topics as needed (for example, if you need more practice with math, extend that session).

By following this structured plan, you’ll have a balanced schedule that integrates your job, exercise, church, and a comprehensive learning path in AI/ML and data science. Feel free to modify the timetable to match your energy levels and daily commitments.

Happy learning!