Python os.path → pathlib Mapping Cheat Sheet

os.path Function	What it Does	pathlib Equivalent
os.path.join(a, b, ...)	Join paths	Path(a) / b / ...
os.path.exists(path)	Check if path exists	Path(path).exists()
os.path.isfile(path)	Check if file	Path(path).is_file()
os.path.isdir(path)	Check if directory	Path(path).is_dir()
os.path.abspath(path)	Absolute path	Path(path).resolve()
os.path.basename(path)	Get file name	Path(path).name
os.path.dirname(path)	Get parent directory	Path(path).parent
os.path.splitext(path)	Split name & extension	Path(path).stem, Path(path).suffix
os.path.expanduser("~")	Expand ~ to home	Path.home()
os.path.expandvars(path)	Expand environment variables	Path(os.environ["VAR"])
os.path.normpath(path)	Normalize path (collapse .., .)	Path(path).resolve(strict=False)
os.path.realpath(path)	Resolve symlinks	Path(path).resolve()
os.path.split(path)	Split into (dir, file)	Path(path).parent, Path(path).name
os.path.commonpath(paths)	Longest common path	os.path.commonpath([str(p) for p in paths])
os.path.relpath(path, start)	Relative path	(Path(path).resolve().relative_to(Path(start).resolve()))
os.path.getsize(path)	File size in bytes	Path(path).stat().st_size
os.path.getmtime(path)	Last modified time	Path(path).stat().st_mtime
os.path.getctime(path)	Creation time	Path(path).stat().st_ctime
os.path.lexists(path)	Exists even if symlink broken	Path(path).exists() or Path(path).is_symlink()
os.path.islink(path)	Check symlink	Path(path).is_symlink()